

L Number	Hits	Search Text	DB	Time stamp
5	0	defered adj breakpoint	USPAT	2004/02/11 22:58
6	0	defered adj breakpoint	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/11 22:59
7	1	deferred adj breakpoint	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/11 22:59
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-	1	("20020129337").PN.	USPAT; US-PGPUB	2004/02/10 17:11
-	1	("5901315").PN.	USPAT; US-PGPUB	2004/02/10 19:07
-	20	JPDA	USPAT; US-PGPUB; EPO; JPO	2004/02/10 19:07
-	5	JPDA and debugger	USPAT; US-PGPUB; EPO; JPO	2004/02/10 19:42
-	16	BufferedReader	USPAT; US-PGPUB; EPO; JPO	2004/02/10 19:42
-	3	(JPDA and debugger) and BufferedReader	USPAT; US-PGPUB; EPO; JPO	2004/02/10 19:42

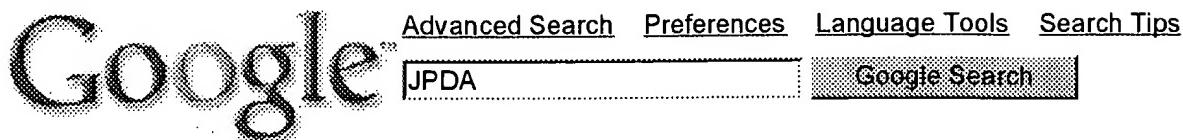
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-	1	class same load\$3) ((US-5901315-\$ or US-6061518-\$ or US-5706502-\$ or US-5548717-\$).did. or (US-20020129337-\$ or US-20030154284-\$ or US-20020073063-\$).did.) and (obtain\$3 same number same line) and (breakpoint same request\$3)	USPAT; US-PGPUB; EPO; JPO	2004/02/11 20:13
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-	2	(Java and (set\$4 same breakpoint)) and jpda	USPAT; US-PGPUB; EPO; JPO	2004/02/11 21:12



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**JPDA**. ... The source code for the **JPDA** extensions are part of the JDK 1.3 Beta, which is available from Sun here (download the Java 2 SDK 1.3 Beta). ...

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**JPDA Support?** From: Chuck.Irvine. Subject: **JPDA Support?** ...

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From: Jack D. Unruh. Subject: **JPDA**. Date: Sat, 3 Mar 2001 14:21:08 -0700. ...

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### Java Platform Debugger Architecture (JPDA)

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- FAQs
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Java Platform Debugger Architecture (JPDA) provides the infrastructure you need to build end-user debugger applications for the Java 2 Platform, Standard Edition (J2SE). It includes the following three-layered APIs: Java Debug Interface (JDI), a high-level Java programming language interface, including support for remote debugging; Java Debug Wire Protocol (JDWP), which defines the format of information and requests transferred between the debugging process and the debugger front end; and Java Virtual Machine Debug Interface (JVMDI), a low-level native interface that defines the services a Java virtual machine must provide for debugging.

#### Note to Developers

JPDA is included in the Java 2 Platform, Standard Edition (J2SE) SDK 1.3 and later, on all platforms, and in SDK 1.2.2 for Linux. The download is required only to add the Java Debug Interface (JDI) and Java Debug Wire Protocol (JDWP) to the J2SE SDK 1.2.2 on Solaris and Microsoft Windows platforms.

#### What's New

November 2003

Enhancements to JPDA Software in J2SE 1.4 The latest enhancements in the J2SE 1.4 family include full-speed debugging support, HotSwap, instance filters, support for debugging other languages, and VMDeathRequests. See the J2SE 1.4.1 for details.

#### Community

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#### Comments

You may send comments about JPDA to: [java-debugger@sun.com](mailto:java-debugger@sun.com)

#### Note on JPDA APIs

JPDA software includes the following three-layered APIs:

- JDI: Java Debug Interface, a high-level Java programming language interface, including support for remote debugging.
- JDWP: Java Debug Wire Protocol, which defines the format of information and requests transferred between the debugging process and the debugger front end.
- JVMDI: Java Virtual Machine Debug Interface, a low-level native interface that defines the services a Java virtual machine must provide for debugging.



Raghuven "Rags" Srinivas, Staff Engineer, Developer and Security Expert



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The Java Platform Debugger Architecture (JPDA) consists of three interfaces designed for use by debuggers in development environments for desktop systems. The Java Virtual Machine Debugger Interface defines the services a VM must provide for debugging. The Java Debug Wire Protocol defines the format of information and requests transferred between the process being debugged and the debugger front end, which implements the Java Debug Interface. The Java Debug Interface defines information and requests at the user code level.

[Java Platform Debugger Architecture Documentation — SDK 1.4.2](#)

[Java Platform Debugger Architecture Documentation — SDK 1.4.1](#)

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Content Page

# Java™ 2 Platform, Standard Edition, v 1.4.1 API Specification

This document is the API specification for the Java 2 Platform, Standard Edition, version 1.4.1.

See:

[Description](#)

Java 2 Platform Packages	
<a href="#">java.applet</a>	Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context.
<a href="#">java.awt</a>	Contains all of the classes for creating user interfaces and for painting graphics and images.
<a href="#">java.awt.color</a>	Provides classes for color spaces.
<a href="#">java.awt.datatransfer</a>	Provides interfaces and classes for transferring data between and within applications.
<a href="#">java.awt.dnd</a>	Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI.
<a href="#">java.awt.event</a>	Provides interfaces and classes for dealing with different types of events fired by AWT components.
<a href="#">java.awt.font</a>	Provides classes and interface relating to fonts.
<a href="#">java.awt.geom</a>	Provides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry.
<a href="#">java.awt.im</a>	Provides classes and interfaces for the input method framework.
<a href="#">java.awt.im.spi</a>	Provides interfaces that enable the development of input methods that can be used with any Java runtime environment.
<a href="#">java.awt.image</a>	Provides classes for creating and modifying images.
<a href="#">java.awt.image.renderable</a>	Provides classes and interfaces for producing rendering-independent images.

<a href="#"><u>java.awt.print</u></a>	Provides classes and interfaces for a general printing API.
<a href="#"><u>java.beans</u></a>	Contains classes related to developing <i>beans</i> -- components based on the JavaBeans™ architecture.
<a href="#"><u>java.beans.beancontext</u></a>	Provides classes and interfaces relating to bean context.
<a href="#"><u>java.io</u></a>	Provides for system input and output through data streams, serialization and the file system.
<a href="#"><u>java.lang</u></a>	Provides classes that are fundamental to the design of the Java programming language.
<a href="#"><u>java.lang.ref</u></a>	Provides reference-object classes, which support a limited degree of interaction with the garbage collector.
<a href="#"><u>java.lang.reflect</u></a>	Provides classes and interfaces for obtaining reflective information about classes and objects.
<a href="#"><u>java.math</u></a>	Provides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal).
<a href="#"><u>java.net</u></a>	Provides the classes for implementing networking applications.
<a href="#"><u>java.nio</u></a>	Defines buffers, which are containers for data, and provides an overview of the other NIO packages.
<a href="#"><u>java.nio.channels</u></a>	Defines channels, which represent connections to entities that are capable of performing I/O operations, such as files and sockets; defines selectors, for multiplexed, non-blocking I/O operations.
<a href="#"><u>java.nio.channels.spi</u></a>	Service-provider classes for the <a href="#"><u>java.nio.channels</u></a> package.
<a href="#"><u>java.nio.charset</u></a>	Defines charsets, decoders, and encoders, for translating between bytes and Unicode characters.
<a href="#"><u>java.nio.charset.spi</u></a>	Service-provider classes for the <a href="#"><u>java.nio.charset</u></a> package.
<a href="#"><u>java.rmi</u></a>	Provides the RMI package.
<a href="#"><u>java.rmi.activation</u></a>	Provides support for RMI Object Activation.
<a href="#"><u>java.rmi.dgc</u></a>	Provides classes and interface for RMI distributed garbage-collection (DGC).
<a href="#"><u>java.rmi.registry</u></a>	Provides a class and two interfaces for the RMI registry.
<a href="#"><u>java.rmi.server</u></a>	Provides classes and interfaces for supporting the server side of RMI.
<a href="#"><u>java.security</u></a>	Provides the classes and interfaces for the security framework.

<a href="#"><u>java.security.acl</u></a>	The classes and interfaces in this package have been superseded by classes in the java.security package.
<a href="#"><u>java.security.cert</u></a>	Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths.
<a href="#"><u>java.security.interfaces</u></a>	Provides interfaces for generating RSA (Rivest, Shamir and Adleman AsymmetricCipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (Digital Signature Algorithm) keys as defined in NIST's FIPS-186.
<a href="#"><u>java.security.spec</u></a>	Provides classes and interfaces for key specifications and algorithm parameter specifications.
<a href="#"><u>java.sql</u></a>	Provides the API for accessing and processing data stored in a data source (usually a relational database) using the Java™ programming language.
<a href="#"><u>java.text</u></a>	Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages.
<a href="#"><u>java.util</u></a>	Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array).
<a href="#"><u>java.util.jar</u></a>	Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file.
<a href="#"><u>java.util.logging</u></a>	Provides the classes and interfaces of the Java™ 2 platform's core logging facilities.
<a href="#"><u>java.util.prefs</u></a>	This package allows applications to store and retrieve user and system preference and configuration data.
<a href="#"><u>java.util.regex</u></a>	Classes for matching character sequences against patterns specified by regular expressions.
<a href="#"><u>java.util.zip</u></a>	Provides classes for reading and writing the standard ZIP and GZIP file formats.
<a href="#"><u>javax.accessibility</u></a>	Defines a contract between user-interface components and an assistive technology that provides access to those components.
<a href="#"><u>javax.crypto</u></a>	Provides the classes and interfaces for cryptographic operations.
<a href="#"><u>javax.crypto.interfaces</u></a>	Provides interfaces for Diffie-Hellman keys as defined in

	RSA Laboratories' PKCS #3.
<a href="#"><u>javax.crypto.spec</u></a>	Provides classes and interfaces for key specifications and algorithm parameter specifications.
<a href="#"><u>javax.imageio</u></a>	The main package of the Java Image I/O API.
<a href="#"><u>javax.imageio.event</u></a>	A package of the Java Image I/O API dealing with synchronous notification of events during the reading and writing of images.
<a href="#"><u>javax.imageio.metadata</u></a>	A package of the Java Image I/O API dealing with reading and writing metadata.
<a href="#"><u>javax.imageio.plugins.jpeg</u></a>	Classes supporting the built-in JPEG plug-in.
<a href="#"><u>javax.imageio.spi</u></a>	A package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry.
<a href="#"><u>javax.imageio.stream</u></a>	A package of the Java Image I/O API dealing with low-level I/O from files and streams.
<a href="#"><u>javax.naming</u></a>	Provides the classes and interfaces for accessing naming services.
<a href="#"><u>javax.naming.directory</u></a>	Extends the <code>javax.naming</code> package to provide functionality for accessing directory services.
<a href="#"><u>javax.naming.event</u></a>	Provides support for event notification when accessing naming and directory services.
<a href="#"><u>javax.naming.ldap</u></a>	Provides support for LDAPv3 extended operations and controls.
<a href="#"><u>javax.naming.spi</u></a>	Provides the means for dynamically plugging in support for accessing naming and directory services through the <code>javax.naming</code> and related packages.
<a href="#"><u>javax.net</u></a>	Provides classes for networking applications.
<a href="#"><u>javax.net.ssl</u></a>	Provides classes for the secure socket package.
<a href="#"><u>javax.print</u></a>	Provides the principal classes and interfaces for the Java™ Print Service API.
<a href="#"><u>javax.print.attribute</u></a>	Provides classes and interfaces that describe the types of Java™ Print Service attributes and how they can be collected into attribute sets.
<a href="#"><u>javax.print.attribute.standard</u></a>	Package <code>javax.print.attribute.standard</code> contains classes for specific printing attributes.
<a href="#"><u>javax.print.event</u></a>	Package <code>javax.print.event</code> contains event classes and listener interfaces.
<a href="#"><u>javax.rmi</u></a>	Contains user APIs for RMI-IIOP.

<a href="#"><u>javax.rmi.CORBA</u></a>	Contains portability APIs for RMI-IIOP.
<a href="#"><u>javax.security.auth</u></a>	This package provides a framework for authentication and authorization.
<a href="#"><u>javax.security.auth.callback</u></a>	This package provides the classes necessary for services to interact with applications in order to retrieve information (authentication data including usernames or passwords, for example) or to display information (error and warning messages, for example).
<a href="#"><u>javax.security.auth.kerberos</u></a>	This package contains utility classes related to the Kerberos network authentication protocol.
<a href="#"><u>javax.security.auth.login</u></a>	This package provides a pluggable authentication framework.
<a href="#"><u>javax.security.auth.spi</u></a>	This package provides the interface to be used for implementing pluggable authentication modules.
<a href="#"><u>javax.security.auth.x500</u></a>	This package contains the classes that should be used to store X500 Principal and X500 Private Credentials in a <i>Subject</i> .
<a href="#"><u>javax.security.cert</u></a>	Provides classes for public key certificates.
<a href="#"><u>javax.sound.midi</u></a>	Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data.
<a href="#"><u>javax.sound.midi.spi</u></a>	Supplies interfaces for service providers to implement when offering new MIDI devices, MIDI file readers and writers, or sound bank readers.
<a href="#"><u>javax.sound.sampled</u></a>	Provides interfaces and classes for capture, processing, and playback of sampled audio data.
<a href="#"><u>javax.sound.sampled.spi</u></a>	Supplies abstract classes for service providers to subclass when offering new audio devices, sound file readers and writers, or audio format converters.
<a href="#"><u>javax.sql</u></a>	Provides the API for server side data source access and processing from the Java™ programming language.
<a href="#"><u>javax.swing</u></a>	Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms.
<a href="#"><u>javax.swing.border</u></a>	Provides classes and interface for drawing specialized borders around a Swing component.
<a href="#"><u>javax.swing.colorchooser</u></a>	Contains classes and interfaces used by the JColorChooser component.
<a href="#"><u>javax.swing.event</u></a>	Provides for events fired by Swing components.

<a href="#"><u>javax.swing.filechooser</u></a>	Contains classes and interfaces used by the JFileChooser component.
<a href="#"><u>javax.swing.plaf</u></a>	Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities.
<a href="#"><u>javax.swing.plaf.basic</u></a>	Provides user interface objects built according to the Basic look and feel.
<a href="#"><u>javax.swing.plaf.metal</u></a>	Provides user interface objects built according to the Java look and feel (once codenamed <i>Metal</i> ), which is the default look and feel.
<a href="#"><u>javax.swing.plaf.multi</u></a>	Provides user interface objects that combine two or more look and feels.
<a href="#"><u>javax.swing.table</u></a>	Provides classes and interfaces for dealing with javax.swing.JTable.
<a href="#"><u>javax.swing.text</u></a>	Provides classes and interfaces that deal with editable and noneditable text components.
<a href="#"><u>javax.swing.text.html</u></a>	Provides the class HTMLEditorKit and supporting classes for creating HTML text editors.
<a href="#"><u>javax.swing.text.html.parser</u></a>	Provides the default HTML parser, along with support classes.
<a href="#"><u>javax.swing.text.rtf</u></a>	Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors.
<a href="#"><u>javax.swing.tree</u></a>	Provides classes and interfaces for dealing with javax.swing.JTree.
<a href="#"><u>javax.swing.undo</u></a>	Allows developers to provide support for undo/redo in applications such as text editors.
<a href="#"><u>javax.transaction</u></a>	Contains three exceptions thrown by the ORB machinery during unmarshalling.
<a href="#"><u>javax.transaction.xa</u></a>	Provides the API that defines the contract between the transaction manager and the resource manager, which allows the transaction manager to enlist and delist resource objects (supplied by the resource manager driver) in JTA transactions.
<a href="#"><u>javax.xml.parsers</u></a>	Provides classes allowing the processing of XML documents.
<a href="#"><u>javax.xml.transform</u></a>	This package defines the generic APIs for processing transformation instructions, and performing a transformation from source to result.
<a href="#"><u>javax.xml.transform.dom</u></a>	This package implements DOM-specific transformation APIs.

<a href="#"><u>javax.xml.transform.sax</u></a>	This package implements SAX2-specific transformation APIs.
<a href="#"><u>javax.xml.transform.stream</u></a>	This package implements stream- and URI- specific transformation APIs.
<a href="#"><u>org.ietf.jgss</u></a>	This package presents a framework that allows application developers to make use of security services like authentication, data integrity and data confidentiality from a variety of underlying security mechanisms like Kerberos, using a unified API.
<a href="#"><u>org.omg.CORBA</u></a>	Provides the mapping of the OMG CORBA APIs to the Java™ programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB).
<a href="#"><u>org.omg.CORBA_2_3</u></a>	The CORBA_2_3 package defines additions to existing CORBA interfaces in the Java 2 Standard Edition. These changes occurred in recent revisions to the CORBA API defined by the OMG. The new methods were added to interfaces derived from the corresponding interfaces in the CORBA package. This provides backward compatibility and avoids breaking the JCK tests.
<a href="#"><u>org.omg.CORBA_2_3.portable</u></a>	Provides methods for the input and output of value types, and contains other updates to the org/omg/CORBA/portable package.
<a href="#"><u>org.omg.CORBA.DynAnyPackage</u></a>	Provides the exceptions used with the DynAny interface (InvalidValue, Invalid, InvalidSeq, and TypeMismatch).
<a href="#"><u>org.omg.CORBA.ORBPackage</u></a>	Provides the exception InvalidName, which is thrown by the method ORB.resolve_initial_references and the exception InconsistentTypeCode, which is thrown by the Dynamic Any creation methods in the ORB class.
<a href="#"><u>org.omg.CORBA.portable</u></a>	Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB.
<a href="#"><u>org.omg.CORBA.TypeCodePackage</u></a>	Provides the user-defined exceptions BadKind and Bounds, which are thrown by methods in the class TypeCode.
<a href="#"><u>org.omg.CosNaming</u></a>	Provides a naming service for Java IDL.
<a href="#"><u>org.omg.CosNaming.NamingContextExtPackage</u></a>	This package contains the following classes, which are used in org.omg.CosNaming.NamingContextExt:
<a href="#"><u>org.omg.CosNaming.NamingContextPackage</u></a>	This package contains Exception classes for the org.omg.CosNaming package.
	This package contains the Dynamic module specified in

<a href="#"><u>org.omg.Dynamic</u></a>	the OMG Portable Interceptor specification, <a href="http://cgi.omg.org/cgi-bin/doc?ptc/2000-08-06">http://cgi.omg.org/cgi-bin/doc?ptc/2000-08-06</a> , section 21.9.
<a href="#"><u>org.omg.DynamicAny</u></a>	Provides classes and interfaces that enable traversal of the data value associated with an any at runtime, and extraction of the primitive constituents of the data value.
<a href="#"><u>org.omg.DynamicAny.DynAnyFactoryPackage</u></a>	This package contains classes and exceptions from the DynAnyFactory interface of the DynamicAny module specified in the OMG <i>The Common Object Request Broker: Architecture and Specification</i> , <a href="http://cgi.omg.org/cgi-bin/doc?formal/99-10-07">http://cgi.omg.org/cgi-bin/doc?formal/99-10-07</a> , section 9.2.2.
<a href="#"><u>org.omg.DynamicAny.DynAnyPackage</u></a>	This package contains classes and exceptions from the DynAny interface of the DynamicAny module specified in the OMG <i>The Common Object Request Broker: Architecture and Specification</i> , <a href="http://cgi.omg.org/cgi-bin/doc?formal/99-10-07">http://cgi.omg.org/cgi-bin/doc?formal/99-10-07</a> , section 9.2.
<a href="#"><u>org.omg.IOP</u></a>	This package contains the IOP module specified in the OMG document <i>The Common Object Request Broker: Architecture and Specification</i> , <a href="http://cgi.omg.org/cgi-bin/doc?formal/99-10-07">http://cgi.omg.org/cgi-bin/doc?formal/99-10-07</a> , section 13.6.
<a href="#"><u>org.omg.IOP.CodecFactoryPackage</u></a>	This package contains the exceptions specified in the IOP::CodecFactory interface (as part of the Portable Interceptors spec).
<a href="#"><u>org.omg.IOP.CodecPackage</u></a>	This package is generated from the IOP::Codec IDL interface definition.
<a href="#"><u>org.omg.Messaging</u></a>	This package contains the Messaging module specified in the OMG CORBA Messaging specification, <a href="http://cgi.omg.org/cgi-bin/doc?formal/99-10-07">http://cgi.omg.org/cgi-bin/doc?formal/99-10-07</a> .
<a href="#"><u>org.omg.PortableInterceptor</u></a>	Provides a mechanism to register ORB hooks through which ORB services can intercept the normal flow of execution of the ORB.
<a href="#"><u>org.omg.PortableInterceptor.ORBInitInfoPackage</u></a>	This package contains the exceptions and typedefs from the ORBInitInfo local interface of the PortableInterceptor module specified in the OMG Portable Interceptor specification, <a href="http://cgi.omg.org/cgi-bin/doc?ptc/2000-08-06">http://cgi.omg.org/cgi-bin/doc?ptc/2000-08-06</a> , section 21.7.2.
<a href="#"><u>org.omg.PortableServer</u></a>	Provides classes and interfaces for making the server side of your applications portable across multivendor ORBs.
<a href="#"><u>org.omg.PortableServer.CurrentPackage</u></a>	Provides method implementations with access to the identity of the object on which the method was invoked.

<a href="#"><u>org.omg.PortableServer.POAManagerPackage</u></a>	Encapsulates the processing state of the POAs it is associated with.
<a href="#"><u>org.omg.PortableServer.POAPackage</u></a>	Allows programmers to construct object implementations that are portable between different ORB products.
<a href="#"><u>org.omg.PortableServer.portable</u></a>	Provides classes and interfaces for making the server side of your applications portable across multivendor ORBs.
<a href="#"><u>org.omg.PortableServer.ServantLocatorPackage</u></a>	Provides classes and interfaces for locating the servant.
<a href="#"><u>org.omg.SendingContext</u></a>	Provides support for the marshalling of value types.
<a href="#"><u>org.omg.stub.java.rmi</u></a>	Contains RMI-IIOP Stubs for the Remote types that occur in the <code>java.rmi</code> package.
<a href="#"><u>org.w3c.dom</u></a>	Provides the interfaces for the Document Object Model (DOM) which is a component API of the <a href="#">Java API for XML Processing</a> .
<a href="#"><u>org.xml.sax</u></a>	Provides the classes and interfaces for the Simple API for XML (SAX) which is a component of the <a href="#">Java API for XML Processing</a> .
<a href="#"><u>org.xml.sax.ext</u></a>	Provides extension classes and interfaces for the Simple API for XML (SAX) which is a component of the <a href="#">Java API for XML Processing</a> .
<a href="#"><u>org.xml.sax.helpers</u></a>	Provides helper classes for the Simple API for XML (SAX) which is a component of the <a href="#">Java API for XML Processing</a> .

This document is the API specification for the Java 2 Platform, Standard Edition, version 1.4.1.

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For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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[BasicToolBarSeparatorUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarSeparatorUI](#)

[BasicToolBarUI](#) - class javax.swing.plaf.basic.[BasicToolBarUI](#).

A Basic L&F implementation of ToolBarUI.

[BasicToolBarUI.DockingListener](#) - class javax.swing.plaf.basic.[BasicToolBarUI.DockingListener](#).

This inner class is marked "public" due to a compiler bug.

[BasicToolBarUI.DockingListener\(BasicToolBarUI, JToolBar\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarUI.DockingListener](#)

[BasicToolBarUI.DragWindow](#) - class javax.swing.plaf.basic.[BasicToolBarUI.DragWindow](#).

[BasicToolBarUI.FrameListener](#) - class javax.swing.plaf.basic.[BasicToolBarUI.FrameListener](#).

[BasicToolBarUI.FrameListener\(BasicToolBarUI\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarUI.FrameListener](#)

[BasicToolBarUI.PropertyListener](#) - class javax.swing.plaf.basic.[BasicToolBarUI.PropertyListener](#).

[BasicToolBarUI.PropertyListener\(BasicToolBarUI\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarUI.PropertyListener](#)

[BasicToolBarUI.ToolBarContListener](#) - class javax.swing.plaf.basic.[BasicToolBarUI.ToolBarContListener](#).

[BasicToolBarUI.ToolBarContListener\(BasicToolBarUI\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarUI.ToolBarContListener](#)

[BasicToolBarUI.ToolBarFocusListener](#) - class javax.swing.plaf.basic.[BasicToolBarUI.ToolBarFocusListener](#).

[BasicToolBarUI.ToolBarFocusListener\(BasicToolBarUI\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarUI.ToolBarFocusListener](#)

[BasicToolBarUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolBarUI](#)

[BasicToolTipUI](#) - class javax.swing.plaf.basic.[BasicToolTipUI](#).

Standard tool tip L&F.

[BasicToolTipUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToolTipUI](#)

[BasicTreeUI](#) - class javax.swing.plaf.basic.[BasicTreeUI](#).

The basic L&F for a hierarchical data structure.

[BasicTreeUI.CellEditorHandler](#) - class javax.swing.plaf.basic.[BasicTreeUI.CellEditorHandler](#).

Listener responsible for getting cell editing events and updating the tree accordingly.

[BasicTreeUI.CellEditorHandler\(BasicTreeUI\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTreeUI.CellEditorHandler](#)

[BasicTreeUI.ComponentHandler](#) - class javax.swing.plaf.basic.[BasicTreeUI.ComponentHandler](#).

Updates the preferred size when scrolling (if necessary).

[BasicTreeUI.ComponentHandler\(BasicTreeUI\)](#) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.ComponentHandler

BasicTreeUI.FocusHandler - class javax.swing.plaf.basic.BasicTreeUI.FocusHandler.

Repaints the lead selection row when focus is lost/gained.

BasicTreeUI.FocusHandler(BasicTreeUI) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.FocusHandler

BasicTreeUI.KeyHandler - class javax.swing.plaf.basic.BasicTreeUI.KeyHandler.

This is used to get multiple key down events to appropriately generate events.

BasicTreeUI.KeyHandler(BasicTreeUI) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.KeyHandler

BasicTreeUI.MouseEventHandler - class javax.swing.plaf.basic.BasicTreeUI.MouseEventHandler.

TreeMouseListener is responsible for updating the selection based on mouse events.

BasicTreeUI.MouseEventHandler(BasicTreeUI) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.MouseEventHandler

BasicTreeUI.MouseInputHandler - class javax.swing.plaf.basic.BasicTreeUI.MouseInputHandler.

MouseInputHandler handles passing all mouse events, including mouse motion events, until the mouse is released to the destination it is constructed with.

BasicTreeUI.MouseInputHandler(BasicTreeUI, Component, Component, MouseEvent) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.MouseInputHandler

BasicTreeUI.NodeDimensionsHandler - class javax.swing.plaf.basic.BasicTreeUI.NodeDimensionsHandler.

Class responsible for getting size of node, method is forwarded to BasicTreeUI method.

BasicTreeUI.NodeDimensionsHandler(BasicTreeUI) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.NodeDimensionsHandler

BasicTreeUI.PropertyChangeHandler - class javax.swing.plaf.basic.BasicTreeUI.PropertyChangeHandler.

PropertyChangeListener for the tree.

BasicTreeUI.PropertyChangeHandler(BasicTreeUI) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.PropertyChangeHandler

BasicTreeUI.SelectionModelPropertyChangeHandler - class

javax.swing.plaf.basic.BasicTreeUI.SelectionModelPropertyChangeHandler.

Listener on the TreeSelectionModel, resets the row selection if any of the properties of the model change.

BasicTreeUI.SelectionModelPropertyChangeHandler(BasicTreeUI) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.SelectionModelPropertyChangeHandler

BasicTreeUI.TreeCancelEditingAction - class javax.swing.plaf.basic.BasicTreeUI.TreeCancelEditingAction.

ActionListener that invokes cancelEditing when action performed.

BasicTreeUI.TreeCancelEditingAction(BasicTreeUI, String) - Constructor for class

javax.swing.plaf.basic.BasicTreeUI.TreeCancelEditingAction

BasicTreeUI.TreeExpansionHandler - class javax.swing.plaf.basic.BasicTreeUI.TreeExpansionHandler.

Updates the TreeState in response to nodes expanding/collapsing.

[BasicTreeUI.TreeExpansionHandler\(BasicTreeUI\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeExpansionHandler](#)

[BasicTreeUI.TreeHomeAction](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreeHomeAction](#).  
TreeHomeAction is used to handle end/home actions.

[BasicTreeUI.TreeHomeAction\(BasicTreeUI, int, String\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeHomeAction](#)

[BasicTreeUI.TreeIncrementAction](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreeIncrementAction](#).  
TreeIncrementAction is used to handle up/down actions.

[BasicTreeUI.TreeIncrementAction\(BasicTreeUI, int, String\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeIncrementAction](#)

[BasicTreeUI.TreeModelHandler](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreeModelHandler](#).  
Forwards all TreeModel events to the TreeState.

[BasicTreeUI.TreeModelHandler\(BasicTreeUI\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeModelHandler](#)

[BasicTreeUI.TreePageAction](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreePageAction](#).  
TreePageAction handles page up and page down events.

[BasicTreeUI.TreePageAction\(BasicTreeUI, int, String\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreePageAction](#)

[BasicTreeUI.TreeSelectionHandler](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreeSelectionHandler](#).  
Listens for changes in the selection model and updates the display accordingly.

[BasicTreeUI.TreeSelectionHandler\(BasicTreeUI\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeSelectionHandler](#)

[BasicTreeUI.TreeToggleAction](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreeToggleAction](#).  
For the first selected row expandedness will be toggled.

[BasicTreeUI.TreeToggleAction\(BasicTreeUI, String\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeToggleAction](#)

[BasicTreeUI.TreeTraverseAction](#) - class javax.swing.plaf.basic.[BasicTreeUI.TreeTraverseAction](#).  
TreeTraverseAction is the action used for left/right keys.

[BasicTreeUI.TreeTraverseAction\(BasicTreeUI, int, String\)](#) - Constructor for class  
[javax.swing.plaf.basic.BasicTreeUI.TreeTraverseAction](#)

[BasicTreeUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTreeUI](#)

[BasicViewportUI](#) - class javax.swing.plaf.basic.[BasicViewportUI](#).  
Basic Viewport implementation

[BasicViewportUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicViewportUI](#)

[BATCHSIZE](#) - Static variable in interface javax.naming.Context

Constant that holds the name of the environment property for specifying the batch size to use when returning data via the service's protocol.

[BatchUpdateException](#) - exception `java.sql.BatchUpdateException`.

An exception thrown when an error occurs during a batch update operation.

[BatchUpdateException\(\)](#) - Constructor for class `java.sql.BatchUpdateException`

Constructs a `BatchUpdateException` object with the reason, `SQLState`, and update count initialized to `null` and the vendor code initialized to 0.

[BatchUpdateException\(int\[\]\)](#) - Constructor for class `java.sql.BatchUpdateException`

Constructs a `BatchUpdateException` initialized to `null` for the reason and `SQLState` and 0 for the vendor code.

[BatchUpdateException\(String, int\[\]\)](#) - Constructor for class `java.sql.BatchUpdateException`

Constructs a `BatchUpdateException` initialized with reason, `updateCounts` and `null` for the `SQLState` and 0 for the `vendorCode`.

[BatchUpdateException\(String, String, int\[\]\)](#) - Constructor for class `java.sql.BatchUpdateException`

Constructs a `BatchUpdateException` initialized with the given arguments (`reason`, `SQLState`, and `updateCounts`) and 0 for the vendor code.

[BatchUpdateException\(String, String, int, int\[\]\)](#) - Constructor for class `java.sql.BatchUpdateException`

Constructs a fully-specified `BatchUpdateException` object, initializing it with the given values.

[BC](#) - Static variable in class `java.util.GregorianCalendar`

Value of the `ERA` field indicating the period before the common era (before Christ), also known as BCE.

[bcmListeners](#) - Variable in class `java.beans.beancontext.BeanContextSupport`

all accesses to the protected `ArrayList bcmListeners` field shall be synchronized on that object.

[bcsChildren\(\)](#) - Method in class `java.beans.beancontext.BeanContextSupport`

Returns an iterator of all children of this `BeanContext`.

[bcsListeners](#) - Variable in class `java.beans.beancontext.BeanContextServicesSupport`

List of `BeanContextServicesListener` objects.

[bcsPreDeserializationHook\(ObjectInputStream\)](#) - Method in class `java.beans.beancontext.BeanContextSupport`

called by `readObject` after `defaultReadObject()` but prior to deserialization of any children.

[bcsPreDeserializationHook\(ObjectInputStream\)](#) - Method in class

`java.beans.beancontext.BeanContextServicesSupport`

called from `BeanContextSupport readObject` before it deserializes the children ...

[bcsPreSerializationHook\(ObjectOutputStream\)](#) - Method in class `java.beans.beancontext.BeanContextSupport`

called by `writeObject` after `defaultWriteObject()` but prior to serialization of currently serializable children.

[bcsPreSerializationHook\(ObjectOutputStream\)](#) - Method in class

`java.beans.beancontext.BeanContextServicesSupport`

called from `BeanContextSupport writeObject` before it serializes the children ...

[beanContext](#) - Variable in class `java.beans.beancontext.BeanContextChildSupport`

[BeanContext](#) - interface `java.beans.beancontext.BeanContext`.

The `BeanContext` acts a logical hierarchical container for JavaBeans.

[BeanContextChild](#) - interface `java.beans.beancontext.BeanContextChild`.

JavaBeans wishing to be nested within, and obtain a reference to their execution environment, or context, as defined by the `BeanContext` sub-interface shall implement this interface.

[BeanContextChildComponentProxy](#) - interface `java.beans.beancontext.BeanContextChildComponentProxy`.

This interface is implemented by `BeanContextChildren` that have an AWT Component associated with them.

[beanContextChildPeer](#) - Variable in class `java.beans.beancontext.BeanContextChildSupport`

The `BeanContext` in which this `BeanContextChild` is nested.

[BeanContextChildSupport](#) - class `java.beans.beancontext.BeanContextChildSupport`.

This is a general support class to provide support for implementing the BeanContextChild protocol.

[BeanContextChildSupport\(\)](#) - Constructor for class `java.beans.beancontext.BeanContextChildSupport`

construct a BeanContextChildSupport where this class has been subclassed in order to implement the JavaBean component itself.

[BeanContextChildSupport\(BeanContextChild\)](#) - Constructor for class

`java.beans.beancontext.BeanContextChildSupport`

construct a BeanContextChildSupport where the JavaBean component itself implements

BeanContextChild, and encapsulates this, delegating that interface to this implementation

[BeanContextContainerProxy](#) - interface `java.beans.beancontext.BeanContextContainerProxy`.

This interface is implemented by BeanContexts' that have an AWT Container associated with them.

[BeanContextEvent](#) - class `java.beans.beancontext.BeanContextEvent`.

`BeanContextEvent` is the abstract root event class for all events emitted from, and pertaining to the semantics of, a BeanContext.

[BeanContextEvent\(BeanContext\)](#) - Constructor for class `java.beans.beancontext.BeanContextEvent`

Construct a BeanContextEvent

[BeanContextMembershipEvent](#) - class `java.beans.beancontext.BeanContextMembershipEvent`.

A BeanContextMembershipEvent encapsulates the list of children added to, or removed from, the membership of a particular BeanContext.

[BeanContextMembershipEvent\(BeanContext, Collection\)](#) - Constructor for class

`java.beans.beancontext.BeanContextMembershipEvent`

Construct a BeanContextMembershipEvent

[BeanContextMembershipEvent\(BeanContext, Object\[\]\)](#) - Constructor for class

`java.beans.beancontext.BeanContextMembershipEvent`

Construct a BeanContextMembershipEvent

[BeanContextMembershipListener](#) - interface `java.beans.beancontext.BeanContextMembershipListener`.

Compliant BeanContexts fire events on this interface when the state of the membership of the BeanContext changes.

[BeanContextProxy](#) - interface `java.beans.beancontext.BeanContextProxy`.

This interface is implemented by a JavaBean that does not directly have a BeanContext(Child) associated with it (via implementing that interface or a subinterface thereof), but has a public BeanContext(Child) delegated from it.

[BeanContextServiceAvailableEvent](#) - class `java.beans.beancontext.BeanContextServiceAvailableEvent`.

This event type is used by the BeanContextServicesListener in order to identify the service being registered.

[BeanContextServiceAvailableEvent\(BeanContextServices, Class\)](#) - Constructor for class

`java.beans.beancontext.BeanContextServiceAvailableEvent`

Construct a BeanContextAvailableServiceEvent.

[BeanContextServiceProvider](#) - interface `java.beans.beancontext.BeanContextServiceProvider`.

One of the primary functions of a BeanContext is to act as a rendezvous between JavaBeans, and BeanContextServiceProviders.

[BeanContextServiceProviderBeanInfo](#) - interface

`java.beans.beancontext.BeanContextServiceProviderBeanInfo`.

A BeanContextServiceProvider implementor who wishes to provide explicit information about the services their bean may provide shall implement a BeanInfo class that implements this BeanInfo subinterface and provides explicit information about the methods, properties, events, etc, of their services.

[BeanContextServiceRevokedEvent](#) - class `java.beans.beancontext.BeanContextServiceRevokedEvent`.

This event type is used by the `BeanContextServiceRevokedListener` in order to identify the service being revoked.

[BeanContextServiceRevokedEvent\(BeanContextServices, Class, boolean\)](#) - Constructor for class `java.beans.beancontext.BeanContextServiceRevokedEvent`

Construct a `BeanContextServiceEvent`.

[BeanContextServiceRevokedListener](#) - interface `java.beans.beancontext.BeanContextServiceRevokedListener`.

The listener interface for receiving `BeanContextServiceRevokedEvent` objects.

[BeanContextServices](#) - interface `java.beans.beancontext.BeanContextServices`.

The `BeanContextServices` interface provides a mechanism for a `BeanContext` to expose generic "services" to the `BeanContextChild` objects within.

[BeanContextServicesListener](#) - interface `java.beans.beancontext.BeanContextServicesListener`.

The listener interface for receiving `BeanContextServiceAvailableEvent` objects.

[BeanContextServicesSupport](#) - class `java.beans.beancontext.BeanContextServicesSupport`.

This helper class provides a utility implementation of the `java.beans.beancontext.BeanContextServices` interface.

[BeanContextServicesSupport.BCSSChild](#) - class

`java.beans.beancontext.BeanContextServicesSupport.BCSSChild`.

[BeanContextServicesSupport.BCSSProxyServiceProvider](#) - class

`java.beans.beancontext.BeanContextServicesSupport.BCSSProxyServiceProvider`.

[BeanContextServicesSupport.BCSSServiceProvider](#) - class

`java.beans.beancontext.BeanContextServicesSupport.BCSSServiceProvider`.

subclasses may subclass this nested class to add behaviors for each `BeanContextServiceProvider`.

[BeanContextServicesSupport\(\)](#) - Constructor for class `java.beans.beancontext.BeanContextServicesSupport`

Create an instance that is not a delegate of another object

[BeanContextServicesSupport\(BeanContextServices\)](#) - Constructor for class

`java.beans.beancontext.BeanContextServicesSupport`

Create an instance with a peer

[BeanContextServicesSupport\(BeanContextServices, Locale\)](#) - Constructor for class

`java.beans.beancontext.BeanContextServicesSupport`

Create an instance using the specified locale

[BeanContextServicesSupport\(BeanContextServices, Locale, boolean\)](#) - Constructor for class

`java.beans.beancontext.BeanContextServicesSupport`

Create an instance using the specified Locale and design mode.

[BeanContextServicesSupport\(BeanContextServices, Locale, boolean, boolean\)](#) - Constructor for class

`java.beans.beancontext.BeanContextServicesSupport`

Construct a `BeanContextServicesSupport` instance

[BeanContextSupport](#) - class `java.beans.beancontext.BeanContextSupport`.

This helper class provides a utility implementation of the `java.beans.beancontext.BeanContext` interface.

[BeanContextSupport.BCSChild](#) - class `java.beans.beancontext.BeanContextSupport.BCSChild`.

[BeanContextSupport.BCSIterator](#) - class `java.beans.beancontext.BeanContextSupport.BCSIterator`.

protected final subclass that encapsulates an iterator but implements a noop `remove()` method.

[BeanContextSupport\(\)](#) - Constructor for class `java.beans.beancontext.BeanContextSupport`

Create an instance that is not a delegate of another object

BeanContextSupport(BeanContext) - Constructor for class java.beans.beancontext.BeanContextSupport

Create an instance using with a default locale

BeanContextSupport(BeanContext, Locale) - Constructor for class  
java.beans.beancontext.BeanContextSupport

Create an instance using the specified locale

BeanContextSupport(BeanContext, Locale, boolean) - Constructor for class  
java.beans.beancontext.BeanContextSupport

Create an instance using the specified Locale and design mode.

BeanContextSupport(BeanContext, Locale, boolean, boolean) - Constructor for class  
java.beans.beancontext.BeanContextSupport

Construct a BeanContextSupport instance

BeanDescriptor - class java.beans.BeanDescriptor.

A BeanDescriptor provides global information about a "bean", including its Java class, its displayName, etc.

BeanDescriptor(Class) - Constructor for class java.beans.BeanDescriptor

Create a BeanDescriptor for a bean that doesn't have a customizer.

BeanDescriptor(Class, Class) - Constructor for class java.beans.BeanDescriptor

Create a BeanDescriptor for a bean that has a customizer.

BeanInfo - interface java.beans.BeanInfo.

A bean implementor who wishes to provide explicit information about their bean may provide a BeanInfo class that implements this BeanInfo interface and provides explicit information about the methods, properties, events, etc, of their bean.

Beans - class java.beans.Beans.

This class provides some general purpose beans control methods.

Beans() - Constructor for class java.beans.Beans

beep() - Method in class java.awt.Toolkit

Emits an audio beep.

beepAction - Static variable in class javax.swing.text.DefaultEditorKit

Name of the action to create a beep.

BEFORE\_FIRST\_LINE - Static variable in class java.awt.BorderLayout

The component comes before the first line of the layout's content.

BEFORE\_LINE\_BEGINS - Static variable in class java.awt.BorderLayout

The component goes at the beginning of the line direction for the layout.

before(Date) - Method in class java.util.Date

Tests if this date is before the specified date.

before(Object) - Method in class java.util.Calendar

Compares the time field records.

before(Timestamp) - Method in class java.sql.Timestamp

Indicates whether this Timestamp object is earlier than the given Timestamp object.

beforeFirst() - Method in interface java.sql.ResultSet

Moves the cursor to the front of this ResultSet object, just before the first row.

beforeOffset(int) - Static method in class java.awt.font.TextHitInfo

Creates a TextHitInfo at the specified offset, associated with the character before the offset.

beginAction - Static variable in class javax.swing.text.DefaultEditorKit

Name of the Action for moving the caret to the begining of the document.

[beginDragDividerLocation](#) - Variable in class javax.swing.plaf.basic.[BasicSplitPaneUI](#)

    Location of the divider when the dragging session began.

[beginDraggingFrame\(JComponent\)](#) - Method in interface javax.swing.[DesktopManager](#)

    This method is normally called when the user has indicated that they will begin dragging a component around.

[beginDraggingFrame\(JComponent\)](#) - Method in class javax.swing.[DefaultDesktopManager](#)

[beginLineAction](#) - Static variable in class javax.swing.text.[DefaultEditorKit](#)

    Name of the Action for moving the caret to the begining of a line.

[beginParagraphAction](#) - Static variable in class javax.swing.text.[DefaultEditorKit](#)

    Name of the Action for moving the caret to the begining of a paragraph.

[beginResizingFrame\(JComponent, int\)](#) - Method in interface javax.swing.[DesktopManager](#)

    This methods is normally called when the user has indicated that they will begin resizing the frame.

[beginResizingFrame\(JComponent, int\)](#) - Method in class javax.swing.[DefaultDesktopManager](#)

[beginUpdate\(\)](#) - Method in class javax.swing.undo.[UndoableEditSupport](#)

[beginWordAction](#) - Static variable in class javax.swing.text.[DefaultEditorKit](#)

    Name of the Action for moving the caret to the begining of a word.

[BELOW\\_BOTTOM](#) - Static variable in class javax.swing.border.[TitledBorder](#)

    Position the title below the border's bottom line.

[BELOW\\_TOP](#) - Static variable in class javax.swing.border.[TitledBorder](#)

    Position the title below the border's top line.

[BENGALI](#) - Static variable in class java.lang.[Character.UnicodeBlock](#)

    Constant for the Unicode character block of the same name.

[BEST\\_COMPRESSION](#) - Static variable in class java.util.zip.[Deflater](#)

    Compression level for best compression.

[BEST\\_SPEED](#) - Static variable in class java.util.zip.[Deflater](#)

    Compression level for fastest compression.

[bestRowNotPseudo](#) - Static variable in interface java.sql.[DatabaseMetaData](#)

    Indicates that the best row identifier is NOT a pseudo column.

[bestRowPseudo](#) - Static variable in interface java.sql.[DatabaseMetaData](#)

    Indicates that the best row identifier is a pseudo column.

[bestRowSession](#) - Static variable in interface java.sql.[DatabaseMetaData](#)

    Indicates that the scope of the best row identifier is the remainder of the current session.

[bestRowTemporary](#) - Static variable in interface java.sql.[DatabaseMetaData](#)

    Indicates that the scope of the best row identifier is very temporary, lasting only while the row is being used.

[bestRowTransaction](#) - Static variable in interface java.sql.[DatabaseMetaData](#)

    Indicates that the scope of the best row identifier is the remainder of the current transaction.

[bestRowUnknown](#) - Static variable in interface java.sql.[DatabaseMetaData](#)

    Indicates that the best row identifier may or may not be a pseudo column.

[BevelBorder](#) - class javax.swing.border.[BevelBorder](#).

    A class which implements a simple 2 line bevel border.

[BevelBorder\(int\)](#) - Constructor for class javax.swing.border.[BevelBorder](#)

    Creates a bevel border with the specified type and whose colors will be derived from the background color of the component passed into the paintBorder method.

[BevelBorder\(int, Color, Color\)](#) - Constructor for class javax.swing.border.[BevelBorder](#)

Creates a bevel border with the specified type, highlight and shadow colors.

[BevelBorder\(int, Color, Color, Color, Color\)](#) - Constructor for class javax.swing.border.[BevelBorder](#)

Creates a bevel border with the specified type, highlight shadow colors.

[bevelType](#) - Variable in class javax.swing.border.[BevelBorder](#)

[BGCOLOR](#) - Static variable in class javax.swing.text.html.[HTML.Attribute](#)

[BIDI\\_EMBEDDING](#) - Static variable in class java.awt.font.[TextAttribute](#)

Attribute key for the embedding level for nested bidirectional runs.

[BidiElementName](#) - Static variable in class javax.swing.text.[AbstractDocument](#)

Name of elements used to hold a unidirectional run

[BidiLevel](#) - Static variable in class javax.swing.text.[StyleConstants](#)

Bidirectional level of a character as assigned by the Unicode bidi algorithm.

[BidiLevel](#) - Static variable in class javax.swing.text.[StyleConstants.CharacterConstants](#)

Bidirectional level of a character as assigned by the Unicode bidi algorithm.

[BIG](#) - Static variable in class javax.swing.text.html.[HTML.Tag](#)

[BigDecimal](#) - class java.math.[BigDecimal](#).

Immutable, arbitrary-precision signed decimal numbers.

[BigDecimal\(BigInteger\)](#) - Constructor for class java.math.[BigDecimal](#)

Translates a BigInteger into a BigDecimal.

[BigDecimal\(BigInteger, int\)](#) - Constructor for class java.math.[BigDecimal](#)

Translates a BigInteger unscaled value and an int scale into a BigDecimal.

[BigDecimal\(double\)](#) - Constructor for class java.math.[BigDecimal](#)

Translates a double into a BigDecimal.

[BigDecimal\(String\)](#) - Constructor for class java.math.[BigDecimal](#)

Translates the String representation of a BigDecmal into a BigDecimal.

[bigEndian](#) - Variable in class javax.sound.sampled.[AudioFormat](#)

Indicates whether the audio data is stored in big-endian or little-endian order.

[BIGINT](#) - Static variable in class java.sql.[Types](#)

The constant in the Java programming language, sometimes referred to as a type code, that identifies the generic SQL type BIGINT.

[BigInteger](#) - class java.math.[BigInteger](#).

Immutable arbitrary-precision integers.

[BigInteger\(byte\[\]\)](#) - Constructor for class java.math.[BigInteger](#)

Translates a byte array containing the two's-complement binary representation of a BigInteger into a BigInteger.

[BigInteger\(int, byte\[\]\)](#) - Constructor for class java.math.[BigInteger](#)

Translates the sign-magnitude representation of a BigInteger into a BigInteger.

[BigInteger\(int, int, Random\)](#) - Constructor for class java.math.[BigInteger](#)

Constructs a randomly generated positive BigInteger that is probably prime, with the specified bitLength.

[BigInteger\(int, Random\)](#) - Constructor for class java.math.[BigInteger](#)

Constructs a randomly generated BigInteger, uniformly distributed over the range 0 to ( $2^{\text{numBits}} - 1$ ), inclusive.

[BigInteger\(String\)](#) - Constructor for class java.math.[BigInteger](#)

Translates the decimal String representation of a BigInteger into a BigInteger.

[BigInteger\(String, int\)](#) - Constructor for class java.math.BigInteger

Translates the String representation of a BigInteger in the specified radix into a BigInteger.

[BINARY](#) - Static variable in class java.sql.Types

The constant in the Java programming language, sometimes referred to as a type code, that identifies the generic SQL type BINARY.

[BinaryRefAddr](#) - class javax.naming.BinaryRefAddr.

This class represents the binary form of the address of a communications end-point.

[BinaryRefAddr\(String, byte\[\]\)](#) - Constructor for class javax.naming.BinaryRefAddr

Constructs a new instance of BinaryRefAddr using its address type and a byte array for contents.

[BinaryRefAddr\(String, byte\[\], int, int\)](#) - Constructor for class javax.naming.BinaryRefAddr

Constructs a new instance of BinaryRefAddr using its address type and a region of a byte array for contents.

[binarySearch\(byte\[\], byte\)](#) - Static method in class java.util.Arrays

Searches the specified array of bytes for the specified value using the binary search algorithm.

[binarySearch\(char\[\], char\)](#) - Static method in class java.util.Arrays

Searches the specified array of chars for the specified value using the binary search algorithm.

[binarySearch\(double\[\], double\)](#) - Static method in class java.util.Arrays

Searches the specified array of doubles for the specified value using the binary search algorithm.

[binarySearch\(float\[\], float\)](#) - Static method in class java.util.Arrays

Searches the specified array of floats for the specified value using the binary search algorithm.

[binarySearch\(int\[\], int\)](#) - Static method in class java.util.Arrays

Searches the specified array of ints for the specified value using the binary search algorithm.

[binarySearch\(List, Object\)](#) - Static method in class java.util.Collections

Searches the specified list for the specified object using the binary search algorithm.

[binarySearch\(List, Object, Comparator\)](#) - Static method in class java.util.Collections

Searches the specified list for the specified object using the binary search algorithm.

[binarySearch\(long\[\], long\)](#) - Static method in class java.util.Arrays

Searches the specified array of longs for the specified value using the binary search algorithm.

[binarySearch\(Object\[\], Object\)](#) - Static method in class java.util.Arrays

Searches the specified array for the specified object using the binary search algorithm.

[binarySearch\(Object\[\], Object, Comparator\)](#) - Static method in class java.util.Arrays

Searches the specified array for the specified object using the binary search algorithm.

[binarySearch\(short\[\], short\)](#) - Static method in class java.util.Arrays

Searches the specified array of shorts for the specified value using the binary search algorithm.

[bind\\_context\(NameComponent\[\], NamingContext\)](#) - Method in class

org.omg.CosNaming.\_NamingContextStub

[bind\\_context\(NameComponent\[\], NamingContext\)](#) - Method in interface

org.omg.CosNaming.NamingContextOperations

Names an object that is a naming context.

[bind\\_new\\_context\(NameComponent\[\]\)](#) - Method in class org.omg.CosNaming.\_NamingContextStub

[bind\\_new\\_context\(NameComponent\[\]\)](#) - Method in interface org.omg.CosNaming.NamingContextOperations

This operation creates a new context and binds it to the name supplied as an argument.

[bind\(InetAddress, int\)](#) - Method in class java.net.SocketImpl

Binds this socket to the specified port number on the specified host.

bind(int, InetAddress) - Method in class java.net.DatagramSocketImpl

Binds a datagram socket to a local port and address.

bind(NameComponent[], Object) - Method in class org.omg.CosNaming. NamingContextStub

bind(NameComponent[], Object) - Method in interface org.omg.CosNaming.NamingContextOperations

Creates a binding of a name and an object in the naming context.

bind(Name, Object) - Method in class javax.naming.InitialContext

bind(Name, Object) - Method in interface javax.naming.Context

Binds a name to an object.

bind(Name, Object, Attributes) - Method in interface javax.naming.directory.DirContext

Binds a name to an object, along with associated attributes.

bind(Name, Object, Attributes) - Method in class javax.naming.directory.InitialDirContext

bind(String, Object) - Method in class javax.naming.InitialContext

bind(String, Object) - Method in interface javax.naming.Context

Binds a name to an object.

bind(String, Object, Attributes) - Method in interface javax.naming.directory.DirContext

Binds a name to an object, along with associated attributes.

bind(String, Object, Attributes) - Method in class javax.naming.directory.InitialDirContext

bind(String, Remote) - Static method in class java.rmi.Naming

Binds the specified name to a remote object.

bind(String, Remote) - Method in interface java.rmi.registry.Registry

Binds the specified name to a remote object.

BindException - exception java.net.BindException.

Signals that an error occurred while attempting to bind a socket to a local address and port.

BindException() - Constructor for class java.net.BindException

Construct a new BindException with no detailed message.

BindException(String) - Constructor for class java.net.BindException

Constructs a new BindException with the specified detail message as to why the bind error occurred.

Binding - class javax.naming.Binding.

This class represents a name-to-object binding found in a context.

Binding - class org.omg.CosNaming. Binding.

binding\_name - Variable in class org.omg.CosNaming.Binding

binding\_type - Variable in class org.omg.CosNaming.Binding

Binding() - Constructor for class org.omg.CosNaming.Binding

Binding(NameComponent[], BindingType) - Constructor for class org.omg.CosNaming.Binding

Binding(String, Object) - Constructor for class javax.naming.Binding

Constructs an instance of a Binding given its name and object.

Binding(String, Object, boolean) - Constructor for class javax.naming.Binding

Constructs an instance of a Binding given its name, object, and whether the name is relative.

[Binding\(String, String, Object\)](#) - Constructor for class javax.naming.Binding

Constructs an instance of a Binding given its name, class name, and object.

[Binding\(String, String, Object, boolean\)](#) - Constructor for class javax.naming.Binding

Constructs an instance of a Binding given its name, class name, object, and whether the name is relative.

[BindingHelper](#) - class org.omg.CosNaming.BindingHelper.

[BindingHolder](#) - class org.omg.CosNaming.BindingHolder.

[BindingHolder\(\)](#) - Constructor for class org.omg.CosNaming.BindingHolder

[BindingHolder\(Binding\)](#) - Constructor for class org.omg.CosNaming.BindingHolder

[BindingIterator](#) - interface org.omg.CosNaming.BindingIterator.

The BindingIterator interface allows a client to iterate through the bindings using the next\_one or next\_n operations.

[BindingIteratorHelper](#) - class org.omg.CosNaming.BindingIteratorHelper.

[BindingIteratorHolder](#) - class org.omg.CosNaming.BindingIteratorHolder.

[BindingIteratorHolder\(\)](#) - Constructor for class org.omg.CosNaming.BindingIteratorHolder

[BindingIteratorHolder\(BindingIterator\)](#) - Constructor for class org.omg.CosNaming.BindingIteratorHolder

[BindingIteratorOperations](#) - interface org.omg.CosNaming.BindingIteratorOperations.

org/omg/CosNaming/BindingIteratorOperations.java Generated by the IDL-to-Java compiler (portable),  
version "3.0" from nameservice.idl Wednesday, January 26, 2000 3:34:52 PM PST

[BindingListHelper](#) - class org.omg.CosNaming.BindingListHelper.

[BindingListHolder](#) - class org.omg.CosNaming.BindingListHolder.

[BindingListHolder\(\)](#) - Constructor for class org.omg.CosNaming.BindingListHolder

[BindingListHolder\(Binding\[\]\)](#) - Constructor for class org.omg.CosNaming.BindingListHolder

[BindingType](#) - class org.omg.CosNaming.BindingType.

[BindingTypeHelper](#) - class org.omg.CosNaming.BindingTypeHelper.

[BindingTypeHolder](#) - class org.omg.CosNaming.BindingTypeHolder.

[BindingTypeHolder\(\)](#) - Constructor for class org.omg.CosNaming.BindingTypeHolder

[BindingTypeHolder\(BindingType\)](#) - Constructor for class org.omg.CosNaming.BindingTypeHolder

[BIT](#) - Static variable in class java.sql.Types

The constant in the Java programming language, sometimes referred to as a type code, that identifies the generic SQL type BIT.

[bitCount\(\)](#) - Method in class [java.math.BigInteger](#)

Returns the number of bits in the two's complement representation of this BigInteger that differ from its sign bit.

[bitLength\(\)](#) - Method in class [java.math.BigInteger](#)

Returns the number of bits in the minimal two's-complement representation of this BigInteger, *excluding* a sign bit.

[BITMASK](#) - Static variable in interface [java.awt.Transparency](#)

Represents image data that is guaranteed to be either completely opaque, with an alpha value of 1.0, or completely transparent, with an alpha value of 0.0.

[BitSet](#) - class [java.util.BitSet](#).

This class implements a vector of bits that grows as needed.

[BitSet\(\)](#) - Constructor for class [java.util.BitSet](#)

Creates a new bit set.

[BitSet\(int\)](#) - Constructor for class [java.util.BitSet](#)

Creates a bit set whose initial size is large enough to explicitly represent bits with indices in the range 0 through `nbits-1`.

[black](#) - Static variable in class [java.awt.Color](#)

The color black.

[BLIT\\_SCROLL\\_MODE](#) - Static variable in class [javax.swing.JViewport](#)

Use `graphics.copyArea()` to implement scrolling.

[Blob](#) - interface [java.sql.Blob](#).

The representation (mapping) in the Java™ programming language of an SQL BLOB value.

[BLOB](#) - Static variable in class [java.sql.Types](#)

The constant in the Java programming language, sometimes referred to as a type code, that identifies the generic SQL type BLOB.

[BLOCK\\_DECREMENT](#) - Static variable in class [java.awt.event.AdjustmentEvent](#)

The block decrement adjustment type.

[BLOCK\\_ELEMENTS](#) - Static variable in class [java.lang.Character.UnicodeBlock](#)

Constant for the Unicode character block of the same name.

[BLOCK\\_INCREMENT](#) - Static variable in class [java.awt.event.AdjustmentEvent](#)

The block increment adjustment type.

[blockClose\(HTML.Tag\)](#) - Method in class [javax.swing.text.html.HTMLDocument.HTMLReader](#)

Adds an instruction to the parse buffer to close out a block element of the given type.

[blockIncrement](#) - Variable in class [javax.swing.JScrollBar](#)

[blockOpen\(HTML.Tag, MutableAttributeSet\)](#) - Method in class

[javax.swing.text.html.HTMLDocument.HTMLReader](#)

Adds an instruction to the parse buffer to create a block element with the given attributes.

[BLOCKQUOTE](#) - Static variable in class [javax.swing.text.html.HTML.Tag](#)

[BlockView](#) - class [javax.swing.text.html.BlockView](#).

A view implementation to display a block (as a box) with CSS specifications.

[BlockView\(Element, int\)](#) - Constructor for class [javax.swing.text.html.BlockView](#)

Creates a new view that represents an html box.

[blue](#) - Static variable in class [java.awt.Color](#)

The color blue.

BLUECOMPONENT - Static variable in class java.awt.color.ICC\_ProfileRGB

To request a gamma value or TRC for the blue component.

body - Variable in class javax.swing.text.html.parserDTD

BODY - Static variable in class javax.swing.text.html.HTML.Tag

Bold - Static variable in class javax.swing.text.StyleConstants

Name of the bold attribute.

Bold - Static variable in class javax.swing.text.StyleConstants.CharacterConstants

Name of the bold attribute.

Bold - Static variable in class javax.swing.text.StyleConstants.FontConstants

Name of the bold attribute.

BOLD - Static variable in class java.awt.Font

The bold style constant.

BOLD\_ACTION - Static variable in class javax.swing.text.html.HTMLEditorKit

The bold action identifier

Book - class java.awt.print.Book

The Book class provides a representation of a document in which pages may have different page formats and page painters.

Book() - Constructor for class java.awt.print.Book

Creates a new, empty Book.

Boolean - class java.lang.Boolean

The Boolean class wraps a value of the primitive type boolean in an object.

Boolean(boolean) - Constructor for class java.lang.Boolean

Allocates a Boolean object representing the value argument.

Boolean(String) - Constructor for class java.lang.Boolean

Allocates a Boolean object representing the value true if the string argument is not null and is equal, ignoring case, to the string "true".

BooleanControl - class javax.sound.sampled.BooleanControl

A BooleanControl provides the ability to switch between two possible settings that affect a line's audio.

BooleanControl.Type - class javax.sound.sampled.BooleanControl.Type

An instance of the BooleanControl.Type class identifies one kind of boolean control.

BooleanControl.Type(String) - Constructor for class javax.sound.sampled.BooleanControl.Type

Constructs a new boolean control type.

BooleanControl(BooleanControl.Type, boolean) - Constructor for class javax.sound.sampled.BooleanControl

Constructs a new boolean control object with the given parameters.

BooleanControl(BooleanControl.Type, boolean, String, String) - Constructor for class javax.sound.sampled.BooleanControl

Constructs a new boolean control object with the given parameters.

BooleanHolder - class org.omg.CORBA.BooleanHolder

A Holder class for a boolean that is used to store "out" and "inout" parameters in IDL methods.

BooleanHolder() - Constructor for class org.omg.CORBA.BooleanHolder

Constructs a new BooleanHolder object with its value field initialized to false.

BooleanHolder(boolean) - Constructor for class org.omg.CORBA.BooleanHolder

Constructs a new BooleanHolder object with its value field initialized with the given boolean.

BooleanSeqHelper - class org.omg.CORBA.BooleanSeqHelper

org/omg/CORBA/BooleanSeqHelper.java Generated by the IDL-to-Java compiler (portable), version "3.0" from streams.idl 13 May 1999 22:41:36 o'clock GMT+00:00

BooleanSeqHelper() - Constructor for class org.omg.CORBA.BooleanSeqHelper

BooleanSeqHolder - class org.omg.CORBA.BooleanSeqHolder.

org/omg/CORBA/BooleanSeqHolder.java Generated by the IDL-to-Java compiler (portable), version "3.0" from streams.idl 13 May 1999 22:41:36 o'clock GMT+00:00

BooleanSeqHolder() - Constructor for class org.omg.CORBA.BooleanSeqHolder

BooleanSeqHolder(boolean[]) - Constructor for class org.omg.CORBA.BooleanSeqHolder

booleanValue() - Method in class java.lang.Boolean

Returns the value of this Boolean object as a boolean primitive.

BOPOMOFO - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

border - Variable in class javax.swing.border.TitledBorder

border - Variable in class javax.swing.tree.DefaultTreeCellEditor.DefaultTextField

Border to use.

Border - interface javax.swing.border.Border.

Interface describing an object capable of rendering a border around the edges of a swing component.

BORDER - Static variable in class javax.swing.text.html.HTML.Attribute

BORDER - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_BOTTOM - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_BOTTOM\_WIDTH - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_COLOR - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_LEFT - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_LEFT\_WIDTH - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_PAINTED\_CHANGED\_PROPERTY - Static variable in class javax.swing.AbstractButton

Identifies a change to having the border drawn, or having it not drawn.

BORDER\_PAINTED\_FLAT\_CHANGED\_PROPERTY - Static variable in class javax.swing.JCheckBox

Identifies a change to the flat property.

BORDER\_RIGHT - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_RIGHT\_WIDTH - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_STYLE - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_TOP - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_TOP\_WIDTH - Static variable in class javax.swing.text.html.CSS.Attribute

BORDER\_WIDTH - Static variable in class javax.swing.text.html.CSS.Attribute

BorderFactory - class javax.swing.BorderFactory.

Factory class for vending standard Border objects.

borderInsets - Static variable in class javax.swing.plaf.metal.MetalBorders.ButtonBorder

borderInsets - Static variable in class javax.swing.plaf.metal.MetalBorders.MenuBarBorder

borderInsets - Static variable in class javax.swing.plaf.metal.MetalBorders.MenuItemBorder

borderInsets - Static variable in class javax.swing.plaf.metal.MetalBorders.PopupMenuBorder

BorderLayout - class java.awt.BorderLayout.

A border layout lays out a container, arranging and resizing its components to fit in five regions: north, south, east, west, and center.

BorderLayout() - Constructor for class java.awt.BorderLayout

Constructs a new border layout with no gaps between components.

BorderLayout(int, int) - Constructor for class java.awt.BorderLayout

Constructs a border layout with the specified gaps between components.

borderListener - Variable in class javax.swing.plaf.basic.BasicInternalFrameUI

borderSelectionColor - Variable in class javax.swing.tree.DefaultTreeCellRenderer

Color to use for the background when the node isn't selected.

borderSelectionColor - Variable in class javax.swing.tree.DefaultTreeCellEditor

True if the border selection color should be drawn.

BorderUIResource - class javax.swing.plaf.BorderUIResource.

BorderUIResource.BevelBorderUIResource - class

javax.swing.plaf.BorderUIResource.BevelBorderUIResource.

BorderUIResource.BevelBorderUIResource(int) - Constructor for class

javax.swing.plaf.BorderUIResource.BevelBorderUIResource

BorderUIResource.BevelBorderUIResource(int, Color, Color) - Constructor for class

javax.swing.plaf.BorderUIResource.BevelBorderUIResource

BorderUIResource.BevelBorderUIResource(int, Color, Color, Color, Color) - Constructor for class

javax.swing.plaf.BorderUIResource.BevelBorderUIResource

BorderUIResource.CompoundBorderUIResource - class

javax.swing.plaf.BorderUIResource.CompoundBorderUIResource.

BorderUIResource.CompoundBorderUIResource(Border, Border) - Constructor for class

javax.swing.plaf.BorderUIResource.CompoundBorderUIResource

[BorderUIResource](#).[EmptyBorderUIResource](#) - class  
javax.swing.plaf.[BorderUIResource](#).[EmptyBorderUIResource](#).

[BorderUIResource](#).[EmptyBorderUIResource](#)([Insets](#)) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[EmptyBorderUIResource](#)

[BorderUIResource](#).[EmptyBorderUIResource](#)(int, int, int, int) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[EmptyBorderUIResource](#)

[BorderUIResource](#).[EtchedBorderUIResource](#) - class  
javax.swing.plaf.[BorderUIResource](#).[EtchedBorderUIResource](#).

[BorderUIResource](#).[EtchedBorderUIResource](#)() - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[EtchedBorderUIResource](#)

[BorderUIResource](#).[EtchedBorderUIResource](#)(Color, Color) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[EtchedBorderUIResource](#)

[BorderUIResource](#).[EtchedBorderUIResource](#)(int) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[EtchedBorderUIResource](#)

[BorderUIResource](#).[EtchedBorderUIResource](#)(int, Color, Color) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[EtchedBorderUIResource](#)

[BorderUIResource](#).[LineBorderUIResource](#) - class javax.swing.plaf.[BorderUIResource](#).[LineBorderUIResource](#).

[BorderUIResource](#).[LineBorderUIResource](#)(Color) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[LineBorderUIResource](#)

[BorderUIResource](#).[LineBorderUIResource](#)(Color, int) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[LineBorderUIResource](#)

[BorderUIResource](#).[MatteBorderUIResource](#) - class  
javax.swing.plaf.[BorderUIResource](#).[MatteBorderUIResource](#).

[BorderUIResource](#).[MatteBorderUIResource](#)(Icon) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[MatteBorderUIResource](#)

[BorderUIResource](#).[MatteBorderUIResource](#)(int, int, int, int, Color) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[MatteBorderUIResource](#)

[BorderUIResource](#).[MatteBorderUIResource](#)(int, int, int, int, Icon) - Constructor for class  
javax.swing.plaf.[BorderUIResource](#).[MatteBorderUIResource](#)

[BorderUIResource](#).[TitledBorderUIResource](#) - class  
javax.swing.plaf.[BorderUIResource](#).[TitledBorderUIResource](#).

[BorderUIResource.TitledBorderUIResource\(Border\)](#) - Constructor for class  
javax.swing.plaf.BorderUIResource.TitledBorderUIResource

[BorderUIResource.TitledBorderUIResource\(Border, String\)](#) - Constructor for class  
javax.swing.plaf.BorderUIResource.TitledBorderUIResource

[BorderUIResource.TitledBorderUIResource\(Border, String, int, int\)](#) - Constructor for class  
javax.swing.plaf.BorderUIResource.TitledBorderUIResource

[BorderUIResource.TitledBorderUIResource\(Border, String, int, int, Font\)](#) - Constructor for class  
javax.swing.plaf.BorderUIResource.TitledBorderUIResource

[BorderUIResource.TitledBorderUIResource\(Border, String, int, int, Font, Color\)](#) - Constructor for class  
javax.swing.plaf.BorderUIResource.TitledBorderUIResource

[BorderUIResource.TitledBorderUIResource\(String\)](#) - Constructor for class  
javax.swing.plaf.BorderUIResource.TitledBorderUIResource

[BorderUIResource\(Border\)](#) - Constructor for class javax.swing.plaf.BorderUIResource  
Creates a UIResource border object which wraps an existing Border instance.

BOTH - Static variable in class java.awt.GridBagConstraints

Resize the component both horizontally and vertically.

bottom - Variable in class java.awt.Insets

The inset from the bottom.

bottom - Variable in class javax.swing.border.EmptyBorder

BOTTOM - Static variable in interface javax.swing.SwingConstants

Box-orientation constant used to specify the bottom of a box.

BOTTOM - Static variable in class javax.swing.JSplitPane

Used to add a Component below the other Component.

BOTTOM - Static variable in class javax.swing.border.TitledBorder

Position the title in the middle of the border's bottom line.

BOTTOM\_ALIGNMENT - Static variable in class java.awt.Component

Ease-of-use constant for getAlignment.

BOTTOM\_ALIGNMENT - Static variable in class java.awt.font.GraphicAttribute

Aligns bottom of graphic to bottom of line.

BoundedRangeModel - interface javax.swing.BoundedRangeModel.

Defines the data model used by components like Sliders and ProgressBars.

bounds - Variable in class java.awt.Polygon

Bounds of the polygon.

Bounds - exception org.omg.CORBA.Bounds.

A user exception thrown when a parameter is not within the legal bounds for the object that a method is trying to access.

Bounds - exception org.omg.CORBA.TypeCodePackage.Bounds.

Provides the TypeCode operations member\_name(), member\_type(), and member\_label.

bounds() - Method in class java.awt.Component

Deprecated. As of JDK version 1.1, replaced by getBounds().

Bounds() - Constructor for class org.omg.CORBA.Bounds

Constructs an Bounds with no specified detail message.

Bounds() - Constructor for class org.omg.CORBA.TypeCodePackage.Bounds

Constructs a Bounds exception with no reason message.

Bounds(String) - Constructor for class org.omg.CORBA.Bounds

Constructs an Bounds with the specified detail message.

Bounds(String) - Constructor for class org.omg.CORBA.TypeCodePackage.Bounds

Constructs a Bounds exception with the specified reason message.

Box - class javax.swing.Box

A lightweight container that uses a BoxLayout object as its layout manager.

BOX\_DRAWING - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

Box.AccessibleBox - class javax.swing.Box.AccessibleBox

This class implements accessibility support for the Box class.

Box.AccessibleBox(Box) - Constructor for class javax.swing.Box.AccessibleBox

Box.Filler - class javax.swing.Box.Filler

An implementation of a lightweight component that participates in layout but has no view.

Box.Filler.AccessibleBoxFiller - class javax.swing.Box.Filler.AccessibleBoxFiller

This class implements accessibility support for the Box.Filler class.

Box.Filler.AccessibleBoxFiller(Box.Filler) - Constructor for class javax.swing.Box.Filler.AccessibleBoxFiller

Box.Filler(Dimension, Dimension, Dimension) - Constructor for class javax.swing.Box.Filler

Constructor to create shape with the given size ranges.

Box(int) - Constructor for class javax.swing.Box

Creates a Box that displays its components along the the specified axis.

BoxedValueHelper - interface org.omg.CORBA.portable.BoxedValueHelper

BoxLayout - class javax.swing.BoxLayout

A layout manager that allows multiple components to be layed out either vertically or horizontally.

BoxLayout(Container, int) - Constructor for class javax.swing.BoxLayout

Creates a layout manager that will lay out components either left to right or top to bottom, as specified in the axis parameter.

BoxView - class javax.swing.text.BoxView

A view that arranges its children into a box shape by tiling it's children along an axis.

BoxView(Element, int) - Constructor for class javax.swing.text.BoxView

Constructs a BoxView.

BR - Static variable in class javax.swing.text.html.HTML.Tag

breadthFirstEnumeration() - Method in class javax.swing.tree.DefaultMutableTreeNode

Creates and returns an enumeration that traverses the subtree rooted at this node in breadth-first order.

BreakIterator - class java.text.BreakIterator

The BreakIterator class implements methods for finding the location of boundaries in text.

BreakIterator() - Constructor for class java.text.BreakIterator

Constructor.

breaksFlow() - Method in class javax.swing.text.html.HTML.Tag

If the tag causes a line break, to the flow of data, then this method will return true.

breaksFlow() - Method in class javax.swing.text.html.parser.TagElement

breakView(int, float, Shape) - Method in class javax.swing.text.ParagraphView

Breaks this view on the given axis at the given length.

breakView(int, int, float, float) - Method in class javax.swing.text.View

Tries to break this view on the given axis.

breakView(int, int, float, float) - Method in class javax.swing.text.GlyphView

Breaks this view on the given axis at the given length.

BRIEF - Static variable in class java.rmi.server.LogStream

Deprecated. log level constant (brief logging).

brighter() - Method in class java.awt.Color

Creates a new Color that is a brighter version of this Color.

buf - Variable in class java.io.PushbackInputStream

The pushback buffer.

buf - Variable in class java.io.BufferedInputStream

The internal buffer array where the data is stored.

buf - Variable in class java.io.BufferedOutputStream

The internal buffer where data is stored.

buf - Variable in class java.io.ByteArrayInputStream

An array of bytes that was provided by the creator of the stream.

buf - Variable in class java.ioCharArrayReader

The character buffer.

buf - Variable in class java.ioCharArrayWriter

The buffer where data is stored.

buf - Variable in class java.io.ByteArrayOutputStream

The buffer where data is stored.

buf - Variable in class java.util.zip.InflaterInputStream

Input buffer for decompression.

buf - Variable in class java.util.zip.DeflaterOutputStream

Output buffer for writing compressed data.

buffer - Variable in class java.io.PipedInputStream

The circular buffer into which incoming data is placed.

buffer - Variable in class java.io.StringBufferInputStream

Deprecated. The string from which bytes are read.

buffer - Variable in class javax.swing.text.DefaultStyledDocument

BUFFER\_SIZE\_DEFAULT - Static variable in class javax.swing.text.DefaultStyledDocument

The default size of the initial content buffer.

BUFFERED\_OPTION - Static variable in class javax.swing.DebugGraphics

Show buffered operations in a separate Frame.

BufferedImage - class java.awt.image.BufferedImage

The BufferedImage subclass describes an Image with an accessible buffer of image data.

BufferedImage(ColorModel, WritableRaster, boolean, Hashtable) - Constructor for class

java.awt.image.BufferedImage

Constructs a new BufferedImage with a specified ColorModel and Raster.

BufferedImage(int, int, int) - Constructor for class java.awt.image.BufferedImage

Constructs a BufferedImage of one of the predefined image types.

[BufferedImage\(int, int, int, IndexColorModel\)](#) - Constructor for class java.awt.image.[BufferedImage](#)

Constructs a [BufferedImage](#) of one of the predefined image types: TYPE\_BYTE\_BINARY or TYPE\_BYTE\_INDEXED

[BufferedImageFilter](#) - class java.awt.image.[BufferedImageFilter](#).

The [BufferedImageFilter](#) class subclasses an [ImageFilter](#) to provide a simple means of using a single-source/single-destination image operator ([BufferedImageOp](#)) to filter a [BufferedImage](#) in the Image Producer/Consumer/Observer paradigm.

[BufferedImageFilter\(BufferedImageOp\)](#) - Constructor for class java.awt.image.[BufferedImageFilter](#)

Constructs a [BufferedImageFilter](#) with the specified single-source/single-destination operator.

[BufferedImageOp](#) - interface java.awt.image.[BufferedImageOp](#).

This interface describes single-input/single-output operations performed on [BufferedImage](#) objects.

[BufferedInputStream](#) - class java.io.[BufferedInputStream](#).

A [BufferedInputStream](#) adds functionality to another input stream--namely, the ability to buffer the input and to support the [mark](#) and [reset](#) methods.

[BufferedInputStream\(InputStream\)](#) - Constructor for class java.io.[BufferedInputStream](#)

Creates a [BufferedInputStream](#) and saves its argument, the input stream [in](#), for later use.

[BufferedInputStream\(InputStream, int\)](#) - Constructor for class java.io.[BufferedInputStream](#)

Creates a [BufferedInputStream](#) with the specified buffer size, and saves its argument, the input stream [in](#), for later use.

[BufferedOutputStream](#) - class java.io.[BufferedOutputStream](#).

The class implements a buffered output stream.

[BufferedOutputStream\(OutputStream\)](#) - Constructor for class java.io.[BufferedOutputStream](#)

Creates a new buffered output stream to write data to the specified underlying output stream with a default 512-byte buffer size.

[BufferedOutputStream\(OutputStream, int\)](#) - Constructor for class java.io.[BufferedOutputStream](#)

Creates a new buffered output stream to write data to the specified underlying output stream with the specified buffer size.

[BufferedReader](#) - class java.io.[BufferedReader](#).

Read text from a character-input stream, buffering characters so as to provide for the efficient reading of characters, arrays, and lines.

[BufferedReader\(Reader\)](#) - Constructor for class java.io.[BufferedReader](#)

Create a buffering character-input stream that uses a default-sized input buffer.

[BufferedReader\(Reader, int\)](#) - Constructor for class java.io.[BufferedReader](#)

Create a buffering character-input stream that uses an input buffer of the specified size.

[BufferedWriter](#) - class java.io.[BufferedWriter](#).

Write text to a character-output stream, buffering characters so as to provide for the efficient writing of single characters, arrays, and strings.

[BufferedWriter\(Writer\)](#) - Constructor for class java.io.[BufferedWriter](#)

Create a buffered character-output stream that uses a default-sized output buffer.

[BufferedWriter\(Writer, int\)](#) - Constructor for class java.io.[BufferedWriter](#)

Create a new buffered character-output stream that uses an output buffer of the given size.

[buildChooser\(\)](#) - Method in class javax.swing.colorchooser.[AbstractColorChooserPanel](#)

Builds a new chooser panel.

[bumps](#) - Variable in class javax.swing.plaf.metal.[MetalScrollBarUI](#)

[bumps](#) - Variable in class javax.swing.plaf.metal.[MetalBorders.ToolBarBorder](#)

burstStringInto(Container, String, int) - Method in class javax.swing.plaf.basic.BasicOptionPaneUI

Recursively creates new JLabel instances to represent d.

BUSY - Static variable in class javax.accessibility.AccessibleState

Indicates the current object is busy.

Button - class java.awt.Button.

This class creates a labeled button.

Button.AccessibleAWTButton - class java.awt.Button.AccessibleAWTButton.

This class implements accessibility support for the Button class.

Button.AccessibleAWTButton(Button) - Constructor for class java.awt.Button.AccessibleAWTButton

Button() - Constructor for class java.awt.Button

Constructs a Button with no label.

Button(String) - Constructor for class java.awt.Button

Constructs a Button with the specified label.

BUTTON1\_MASK - Static variable in class java.awt.event.InputEvent

The mouse button1 modifier constant.

BUTTON2\_MASK - Static variable in class java.awt.event.InputEvent

The mouse button2 modifier constant.

BUTTON3\_MASK - Static variable in class java.awt.event.InputEvent

The mouse button3 modifier constant.

ButtonGroup - class javax.swing.ButtonGroup.

This class is used to create a multiple-exclusion scope for a set of buttons.

ButtonGroup() - Constructor for class javax.swing.ButtonGroup

Creates a new ButtonGroup.

buttonIndex - Variable in class javax.swing.plaf.basic.BasicOptionPaneUI.ButtonActionListener

buttonListener - Variable in class javax.swing.plaf.basic.BasicScrollBarUI

ButtonModel - interface javax.swing.ButtonModel.

State Model for buttons.

buttons - Variable in class javax.swing.ButtonGroup

ButtonUI - class javax.swing.plaf.ButtonUI.

Pluggable look and feel interface for JButton.

ButtonUI() - Constructor for class javax.swing.plaf.ButtonUI

Byte - class java.lang.Byte.

The Byte class is the standard wrapper for byte values.

Byte(byte) - Constructor for class java.lang.Byte

Constructs a Byte object initialized to the specified byte value.

Byte(String) - Constructor for class java.lang.Byte

Constructs a Byte object initialized to the value specified by the String parameter.

ByteArrayInputStream - class java.io.ByteArrayInputStream.

A ByteArrayInputStream contains an internal buffer that contains bytes that may be read from the stream.

ByteArrayInputStream(byte[]) - Constructor for class java.io.ByteArrayInputStream

Creates a ByteArrayInputStream so that it uses buf as its buffer array.

# Java™ 2 Platform, Standard Edition, v 1.3.1 API Specification

This document is the API specification for the Java 2 Platform, Standard Edition, version 1.3.1.

See:

[Description](#)

## Java 2 Platform Packages

<a href="#">java.applet</a>	Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context.
<a href="#">java.awt</a>	Contains all of the classes for creating user interfaces and for painting graphics and images.
<a href="#">java.awt.color</a>	Provides classes for color spaces.
<a href="#">java.awt.datatransfer</a>	Provides interfaces and classes for transferring data between and within applications.
<a href="#">java.awt.dnd</a>	Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI.
<a href="#">java.awt.event</a>	Provides interfaces and classes for dealing with different types of events fired by AWT components.
<a href="#">java.awt.font</a>	Provides classes and interface relating to fonts.
<a href="#">java.awt.geom</a>	Provides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry.
<a href="#">java.awt.im</a>	Provides classes and interfaces for the input method framework.
<a href="#">java.awt.im.spi</a>	Provides interfaces that enable the development of input methods that can be used with any Java runtime environment.
<a href="#">java.awt.image</a>	Provides classes for creating and modifying images.
<a href="#">java.awt.image.renderable</a>	Provides classes and interfaces for producing rendering-independent images.
<a href="#">java.awt.print</a>	Provides classes and interfaces for a general printing API.
<a href="#">java.beans</a>	Contains classes related to Java Beans development.

<a href="#"><u>java.beans.beancontext</u></a>	Provides classes and interfaces relating to bean context.
<a href="#"><u>java.io</u></a>	Provides for system input and output through data streams, serialization and the file system.
<a href="#"><u>java.lang</u></a>	Provides classes that are fundamental to the design of the Java programming language.
<a href="#"><u>java.lang.ref</u></a>	Provides reference-object classes, which support a limited degree of interaction with the garbage collector.
<a href="#"><u>java.lang.reflect</u></a>	Provides classes and interfaces for obtaining reflective information about classes and objects.
<a href="#"><u>java.math</u></a>	Provides classes for performing arbitrary-precision integer arithmetic ( <code>BigInteger</code> ) and arbitrary-precision decimal arithmetic ( <code>BigDecimal</code> ).
<a href="#"><u>java.net</u></a>	Provides the classes for implementing networking applications.
<a href="#"><u>java.rmi</u></a>	Provides the RMI package.
<a href="#"><u>java.rmi.activation</u></a>	Provides support for RMI Object Activation.
<a href="#"><u>java.rmi.dgc</u></a>	Provides classes and interface for RMI distributed garbage-collection (DGC).
<a href="#"><u>java.rmi.registry</u></a>	Provides a class and two interfaces for the RMI registry.
<a href="#"><u>java.rmi.server</u></a>	Provides classes and interfaces for supporting the server side of RMI.
<a href="#"><u>java.security</u></a>	Provides the classes and interfaces for the security framework.
<a href="#"><u>java.security.acl</u></a>	The classes and interfaces in this package have been superseded by classes in the <code>java.security</code> package.
<a href="#"><u>java.security.cert</u></a>	Provides classes and interfaces for parsing and managing certificates.
<a href="#"><u>java.security.interfaces</u></a>	Provides interfaces for generating RSA (Rivest, Shamir and Adleman AsymmetricCipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (Digital Signature Algorithm) keys as defined in NIST's FIPS-186.
<a href="#"><u>java.security.spec</u></a>	Provides classes and interfaces for key specifications and algorithm parameter specifications.
<a href="#"><u>java.sql</u></a>	Provides the API for accessing and processing data in a data source using the Java™ programming language.
<a href="#"><u>java.text</u></a>	Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages.

<u><a href="#">java.util</a></u>	Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array).
<u><a href="#">java.util.jar</a></u>	Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file.
<u><a href="#">java.util.zip</a></u>	Provides classes for reading and writing the standard ZIP and GZIP file formats.
<u><a href="#">javax.accessibility</a></u>	Defines a contract between user-interface components and an assistive technology that provides access to those components.
<u><a href="#">javax.naming</a></u>	Provides the classes and interfaces for accessing naming services.
<u><a href="#">javax.naming.directory</a></u>	Extends the javax.naming package to provide functionality for accessing directory services.
<u><a href="#">javax.naming.event</a></u>	Provides support for event notification when accessing naming and directory services.
<u><a href="#">javax.naming.ldap</a></u>	Provides support for LDAPv3 extended operations and controls.
<u><a href="#">javax.naming.spi</a></u>	Provides the means for dynamically plugging in support for accessing naming and directory services through the javax.naming and related packages.
<u><a href="#">javax.rmi</a></u>	Contains user APIs for RMI-IIOP.
<u><a href="#">javax.rmi.CORBA</a></u>	Contains portability APIs for RMI-IIOP.
<u><a href="#">javax.sound.midi</a></u>	Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data.
<u><a href="#">javax.sound.midi.spi</a></u>	Supplies interfaces for service providers to implement when offering new MIDI devices, MIDI file readers and writers, or sound bank readers.
<u><a href="#">javax.sound.sampled</a></u>	Provides interfaces and classes for capture, processing, and playback of sampled audio data.
<u><a href="#">javax.sound.sampled.spi</a></u>	Supplies abstract classes for service providers to subclass when offering new audio devices, sound file readers and writers, or audio format converters.
<u><a href="#">javax.swing</a></u>	Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms.
	Provides classes and interface for drawing specialized borders

<a href="#"><u>javax.swing.border</u></a>	around a Swing component.
<a href="#"><u>javax.swing.colorchooser</u></a>	Contains classes and interfaces used by the JColorChooser component.
<a href="#"><u>javax.swing.event</u></a>	Provides for events fired by Swing components.
<a href="#"><u>javax.swing.filechooser</u></a>	Contains classes and interfaces used by the JFileChooser component.
<a href="#"><u>javax.swing.plaf</u></a>	Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities.
<a href="#"><u>javax.swing.plaf.basic</u></a>	Provides user interface objects built according to the Basic look-and-feel.
<a href="#"><u>javax.swing.plaf.metal</u></a>	Provides user interface objects built according to the ``metal'' look-and-feel.
<a href="#"><u>javax.swing.plaf.multi</u></a>	The multiplexing look and feel allows users to combine auxiliary look and feels with the default look and feel.
<a href="#"><u>javax.swing.table</u></a>	Provides classes and interfaces for dealing with javax.swing.JTable.
<a href="#"><u>javax.swing.text</u></a>	Provides classes and interfaces that deal with editable and noneditable text components.
<a href="#"><u>javax.swing.text.html</u></a>	Provides the class HTMLEditorKit and supporting classes for creating HTML text editors.
<a href="#"><u>javax.swing.text.html.parser</u></a>	Provides the default HTML parser, along with support classes.
<a href="#"><u>javax.swing.text.rtf</u></a>	Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors.
<a href="#"><u>javax.swing.tree</u></a>	Provides classes and interfaces for dealing with javax.swing.JTree.
<a href="#"><u>javax.swing.undo</u></a>	Provides support for undo/redo capabilities in an application such as a text editor.
<a href="#"><u>javax.transaction</u></a>	Contains three exceptions thrown by the ORB machinery during unmarshalling.
<a href="#"><u>org.omg.CORBA</u></a>	Provides the mapping of the OMG CORBA APIs to the Java™ programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB).
<a href="#"><u>org.omg.CORBA_2_3</u></a>	The CORBA_2_3 package defines additions to existing CORBA interfaces in the Java 2 Standard Edition. These changes occurred in recent revisions to the CORBA API defined by the OMG. The new methods were added to interfaces derived from the corresponding interfaces in the

	CORBA package. This provides backward compatibility and avoids breaking the JCK tests.
<a href="#"><u>org.omg.CORBA_2_3.portable</u></a>	Provides methods for the input and output of value types, and contains other updates to the org/omg/CORBA/portable package.
<a href="#"><u>org.omg.CORBA.DynAnyPackage</u></a>	Provides the exceptions used with the DynAny interface (InvalidValue, Invalid, InvalidSeq, and TypeMismatch).
<a href="#"><u>org.omg.CORBA.ORBPackage</u></a>	Provides the exception InvalidName, which is thrown by the method ORB.resolve_initial_references and the exception InconsistentTypeCode, which is thrown by the Dynamic Any creation methods in the ORB class.
<a href="#"><u>org.omg.CORBA.portable</u></a>	Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB.
<a href="#"><u>org.omg.CORBA.TypeCodePackage</u></a>	Provides the user-defined exceptions BadKind and Bounds, which are thrown by methods in the class TypeCode.
<a href="#"><u>org.omg.CosNaming</u></a>	Provides the naming service for Java IDL.
<a href="#"><u>org.omg.CosNaming.NamingContextPackage</u></a>	Provides the exceptions used in the package org.omg.CosNaming (AlreadyBound, CannotProceed, InvalidName, NotEmpty, and NotFound) and also the Helper and Holder classes for those exceptions.
<a href="#"><u>org.omg.SendingContext</u></a>	Provides support for the marshalling of value types.
<a href="#"><u>org.omg.stub.java.rmi</u></a>	Contains RMI-IIOP Stubs for the Remote types that occur in the java.rmi package.

This document is the API specification for the Java 2 Platform, Standard Edition, version 1.3.1.

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[Submit a bug or feature](#)

For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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## B

b - Variable in class [java.awt.AWTEventMulticaster](#)

B - Static variable in class [java.awt.PageAttributes.MediaType](#)

The MediaType instance for Engineering B, 11 x 17 in.

B - Static variable in class [javax.swing.text.html.HTML.Tag](#)

B0 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B0.

B1 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B1.

B10 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B10.

B2 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B2.

B3 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B3.

B4 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B4.

B5 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B5.

B6 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B6.

B7 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B7.

B8 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B8.

B9 - Static variable in class [java.awt.PageAttributes.MediaType](#)

An alias for ISO\_B9.

BACK\_SPACE - Static variable in class [java.awt.Event](#)

The BackSpace key.

Background - Static variable in class [javax.swing.text.StyleConstants](#)

Name of the background color attribute.

Background - Static variable in class [javax.swing.text.StyleConstants.CharacterConstants](#)

Name of the background color attribute.

Background - Static variable in class [javax.swing.text.StyleConstants.ColorConstants](#)

Name of the background color attribute.

BACKGROUND - Static variable in class [java.awt.font.TextAttribute](#)

Attribute key for the background Paint adornment.

BACKGROUND - Static variable in class [javax.swing.text.html.HTML.Attribute](#)

[BACKGROUND](#) - Static variable in class javax.swing.text.html.CSS.Attribute

[BACKGROUND\\_ATTACHMENT](#) - Static variable in class javax.swing.text.html.CSS.Attribute

[BACKGROUND\\_COLOR](#) - Static variable in class javax.swing.text.html.CSS.Attribute

[BACKGROUND\\_IMAGE](#) - Static variable in class javax.swing.text.html.CSS.Attribute

[BACKGROUND\\_POSITION](#) - Static variable in class javax.swing.text.html.CSS.Attribute

[BACKGROUND\\_REPEAT](#) - Static variable in class javax.swing.text.html.CSS.Attribute

[backgroundNonSelectionColor](#) - Variable in class javax.swing.tree.DefaultTreeCellRenderer  
Color to use for the background when the node isn't selected.

[backgroundSelectionColor](#) - Variable in class javax.swing.tree.DefaultTreeCellRenderer  
Color to use for the background when a node is selected.

[backingStore](#) - Variable in class javax.swing.JViewport  
Deprecated. *As of Java 2 platform v1.3*

[BACKINGSTORE\\_SCROLL\\_MODE](#) - Static variable in class javax.swing.JViewport  
Draws viewport contents into an offscreen image.

[backingStoreImage](#) - Variable in class javax.swing.JViewport  
The view image used for a backing store.

[Backward](#) - Static variable in class javax.swing.text.Position.Bias  
Indicates a bias toward the previous character in the model.

[backwardAction](#) - Static variable in class javax.swing.text.DefaultEditorKit  
Name of the Action for moving the caret logically backward one position.

[BAD\\_CONTEXT](#) - exception org.omg.CORBA.BAD\_CONTEXT.  
The CORBA BAD\_CONTEXT exception, which is thrown when there is an error processing a context object.

[BAD\\_CONTEXT\(\)](#) - Constructor for class org.omg.CORBA.BAD\_CONTEXT  
Constructs a BAD\_CONTEXT exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

[BAD\\_CONTEXT\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.BAD\_CONTEXT  
Constructs a BAD\_CONTEXT exception with the specified minor code and completion status.

[BAD\\_CONTEXT\(String\)](#) - Constructor for class org.omg.CORBA.BAD\_CONTEXT  
Constructs a BAD\_CONTEXT exception with the specified detail message, a minor code of 0 and a completion state of COMPLETED\_NO.

[BAD\\_CONTEXT\(String, int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.BAD\_CONTEXT  
Constructs a BAD\_CONTEXT exception with the specified detail message, minor code, and completion status.

[BAD\\_INV\\_ORDER](#) - exception org.omg.CORBA.BAD\_INV\_ORDER.  
The CORBA BAD\_INV\_ORDER exception, which is thrown when methods are called out of order.

[BAD\\_INV\\_ORDER\(\)](#) - Constructor for class org.omg.CORBA.BAD\_INV\_ORDER  
Constructs a BAD\_INV\_ORDER exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

[BAD\\_INV\\_ORDER\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.BAD\_INV\_ORDER

Constructs a BAD\_INV\_ORDER exception with the specified minor code and completion status.

**BAD\_INV\_ORDER(String)** - Constructor for class org.omg.CORBA.BAD\_INV\_ORDER

Constructs a BAD\_INV\_ORDER exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

**BAD\_INV\_ORDER(String, int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_INV\_ORDER

Constructs a BAD\_INV\_ORDER exception with the specified detail message, minor code, and completion status.

**BAD\_LOCATION** - Static variable in class javax.swing.text.AbstractDocument

Error message to indicate a bad location.

**BAD\_OPERATION** - exception org.omg.CORBA.BAD\_OPERATION.

The CORBA BAD\_OPERATION exception, which is thrown when a method is invalid.

**BAD\_OPERATION()** - Constructor for class org.omg.CORBA.BAD\_OPERATION

Constructs a BAD\_OPERATION exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

**BAD\_OPERATION(int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_OPERATION

Constructs a BAD\_OPERATION exception with the specified minor code and completion status.

**BAD\_OPERATION(String)** - Constructor for class org.omg.CORBA.BAD\_OPERATION

Constructs a BAD\_OPERATION exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

**BAD\_OPERATION(String, int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_OPERATION

Constructs a BAD\_OPERATION exception with the specified detail message, minor code, and completion status.

**BAD\_PARAM** - exception org.omg.CORBA.BAD\_PARAM.

The CORBA BAD\_PARAM exception, which is thrown when an invalid parameter is passed to a method.

**BAD\_PARAM()** - Constructor for class org.omg.CORBA.BAD\_PARAM

Constructs a BAD\_PARAM exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

**BAD\_PARAM(int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_PARAM

Constructs a BAD\_PARAM exception with the specified minor code and completion status.

**BAD\_PARAM(String)** - Constructor for class org.omg.CORBA.BAD\_PARAM

Constructs a BAD\_PARAM exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

**BAD\_PARAM(String, int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_PARAM

Constructs a BAD\_PARAM exception with the specified detail message, minor code, and completion status.

**BAD\_POLICY** - interface org.omg.CORBA.BAD\_POLICY.

BAD\_POLICY is one of the PolicyErrorCodes which would be filled in the PolicyError exception.

**BAD\_POLICY\_TYPE** - interface org.omg.CORBA.BAD\_POLICY\_TYPE.

BAD\_POLICY\_TYPE is one of the PolicyErrorCodes which would be filled in the PolicyError exception.

**BAD\_POLICY\_VALUE** - interface org.omg.CORBA.BAD\_POLICY\_VALUE.

Contains the value used to indicate a policy value that is incorrect for a valid policy type in a call to the create\_policy method defined in the ORB class.

**BAD\_TYPECODE** - exception org.omg.CORBA.BAD\_TYPECODE.

The CORBA BAD\_TYPECODE exception, which is thrown when the specified typecode is invalid.

**BAD\_TYPECODE()** - Constructor for class org.omg.CORBA.BAD\_TYPECODE

Constructs a BAD\_TYPECODE exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

**BAD\_TYPECODE(int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_TYPECODE

Constructs a BAD\_TYPECODE exception with the specified minor code and completion status.

**BAD\_TYPECODE(String)** - Constructor for class org.omg.CORBA.BAD\_TYPECODE

Constructs a BAD\_TYPECODE exception with the specified detail, a minor code of 0, and a completion state of COMPLETED\_NO.

**BAD\_TYPECODE(String, int, CompletionStatus)** - Constructor for class org.omg.CORBA.BAD\_TYPECODE

Constructs a BAD\_TYPECODE exception with the specified detail message, minor code, and completion status.

**BadBreakWeight** - Static variable in class javax.swing.text.View

The weight to indicate a view is a bad break opportunity for the purpose of formatting.

**BadKind** - exception org.omg.CORBA.TypeCodePackage.BadKind.

The exception BadKind is thrown when an inappropriate operation is invoked on a TypeCode object.

**BadKind()** - Constructor for class org.omg.CORBA.TypeCodePackage.BadKind

Constructs a BadKind exception with no reason message.

**BadKind(String)** - Constructor for class org.omg.CORBA.TypeCodePackage.BadKind

Constructs a BadKind exception with the specified reason message.

**BadLocationException** - exception javax.swing.text.BadLocationException.

This exception is to report bad locations within a document model (that is, attempts to reference a location that doesn't exist).

**BadLocationException(String, int)** - Constructor for class javax.swing.text.BadLocationException

Creates a new BadLocationException object.

**BALANCE** - Static variable in class javax.sound.sampled.FloatControl.Type

Represents a control for the relative balance of a stereo signal between two stereo speakers.

**BandCombineOp** - class java.awt.image.BandCombineOp.

This class performs an arbitrary linear combination of the bands in a Raster, using a specified matrix.

**BandCombineOp(float[], RenderingHints)** - Constructor for class java.awt.image.BandCombineOp

Constructs a BandCombineOp with the specified matrix.

**BandedSampleModel** - class java.awt.image.BandedSampleModel.

This class represents image data which is stored in a band interleaved fashion and for which each sample of a pixel occupies one data element of the DataBuffer.

**BandedSampleModel(int, int, int, int)** - Constructor for class java.awt.image.BandedSampleModel

Constructs a BandedSampleModel with the specified parameters.

**BandedSampleModel(int, int, int, int, int[], int[])** - Constructor for class java.awt.image.BandedSampleModel

Constructs a BandedSampleModel with the specified parameters.

**bandOffsets** - Variable in class java.awt.image.ComponentSampleModel

Offsets for all bands in data array elements.

**bank** - Variable in class javax.sound.midi.VoiceStatus

The bank number of the instrument that this voice is currently using.

**bankIndices** - Variable in class java.awt.image.ComponentSampleModel

Index for each bank storing a band of image data.

**banks** - Variable in class java.awt.image.DataBuffer

The number of banks in this DataBuffer.

**base** - Variable in class javax.swing.text.html.parserDTD

BASE - Static variable in class javax.swing.text.html.HTML.Tag

BASEFONT - Static variable in class javax.swing.text.html.HTML.Tag

baselineLayout(int, int, int[], int[]) - Method in class javax.swing.text.BoxView

baselineRequirements(int, SizeRequirements) - Method in class javax.swing.text.BoxView

baseWireHandle - Static variable in interface java.io.ObjectStreamConstants

First wire handle to be assigned.

BASIC LATIN - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

BasicArrowButton - class javax.swing.plaf.basic.BasicArrowButton.

JButton object that draws a scaled Arrow in one of the cardinal directions.

BasicArrowButton(int) - Constructor for class javax.swing.plaf.basic.BasicArrowButton

BasicAttribute - class javax.naming.directory.BasicAttribute.

This class provides a basic implementation of the Attribute interface.

BasicAttribute(String) - Constructor for class javax.naming.directory.BasicAttribute

Constructs a new instance of an unordered attribute with no value.

BasicAttribute(String, boolean) - Constructor for class javax.naming.directory.BasicAttribute

Constructs a new instance of a possibly ordered attribute with no value.

BasicAttribute(String, Object) - Constructor for class javax.naming.directory.BasicAttribute

Constructs a new instance of an unordered attribute with a single value.

BasicAttribute(String, Object, boolean) - Constructor for class javax.naming.directory.BasicAttribute

Constructs a new instance of a possibly ordered attribute with a single value.

BasicAttributes - class javax.naming.directory.BasicAttributes.

This class provides a basic implementation of the Attributes interface.

BasicAttributes() - Constructor for class javax.naming.directory.BasicAttributes

Constructs a new instance of Attributes.

BasicAttributes(boolean) - Constructor for class javax.naming.directory.BasicAttributes

Constructs a new instance of Attributes.

BasicAttributes(String, Object) - Constructor for class javax.naming.directory.BasicAttributes

Constructs a new instance of Attributes with one attribute.

BasicAttributes(String, Object, boolean) - Constructor for class javax.naming.directory.BasicAttributes

Constructs a new instance of Attributes with one attribute.

BasicBorders - class javax.swing.plaf.basic.BasicBorders.

Factory object that can vend Borders appropriate for the basic L & F.

BasicBorders.ButtonBorder - class javax.swing.plaf.basic.BasicBorders.ButtonBorder.

BasicBorders.ButtonBorder(Color, Color, Color, Color) - Constructor for class javax.swing.plaf.basic.BasicBorders.ButtonBorder

BasicBorders.FieldBorder - class javax.swing.plaf.basic.BasicBorders.FieldBorder.

BasicBorders.FieldBorder(Color, Color, Color, Color) - Constructor for class

[javax.swing.plaf.basic.BasicBorders.FieldBorder](#)

[BasicBorders.MarginBorder](#) - class javax.swing.plaf.basic.BasicBorders.MarginBorder.

[BasicBorders.MarginBorder\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicBorders.MarginBorder

[BasicBorders.MenuBarBorder](#) - class javax.swing.plaf.basic.BasicBorders.MenuBarBorder.

[BasicBorders.MenuBarBorder\(Color, Color\)](#) - Constructor for class javax.swing.plaf.basic.BasicBorders.MenuBarBorder

[BasicBorders.RadioButtonBorder](#) - class javax.swing.plaf.basic.BasicBorders.RadioButtonBorder.

[BasicBorders.RadioButtonBorder\(Color, Color, Color, Color\)](#) - Constructor for class javax.swing.plaf.basic.BasicBorders.RadioButtonBorder

[BasicBorders.SplitPaneBorder](#) - class javax.swing.plaf.basic.BasicBorders.SplitPaneBorder.

Draws the border around the splitpane.

[BasicBorders.SplitPaneBorder\(Color, Color\)](#) - Constructor for class javax.swing.plaf.basic.BasicBorders.SplitPaneBorder

[BasicBorders.ToggleButtonBorder](#) - class javax.swing.plaf.basic.BasicBorders.ToggleButtonBorder.

[BasicBorders.ToggleButtonBorder\(Color, Color, Color, Color\)](#) - Constructor for class javax.swing.plaf.basic.BasicBorders.ToggleButtonBorder

[BasicBorders\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicBorders

[BasicButtonListener](#) - class javax.swing.plaf.basic.BasicButtonListener.

Button Listener

[BasicButtonListener\(AbstractButton\)](#) - Constructor for class javax.swing.plaf.basic.BasicButtonListener

[BasicButtonUI](#) - class javax.swing.plaf.basic.BasicButtonUI.

BasicButton implementation

[BasicButtonUI\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicButtonUI

[BasicCheckBoxMenuItemUI](#) - class javax.swing.plaf.basic.BasicCheckBoxMenuItemUI.

BasicCheckboxMenuItem implementation

[BasicCheckBoxMenuItemUI\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicCheckBoxMenuItemUI

[BasicCheckBoxUI](#) - class javax.swing.plaf.basic.BasicCheckBoxUI.

CheckboxUI implementation for BasicCheckboxUI

[BasicCheckBoxUI\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicCheckBoxUI

[BasicColorChooserUI](#) - class javax.swing.plaf.basic.BasicColorChooserUI.

Provides the basic look and feel for a JColorChooser.

[BasicColorChooserUI.PropertyHandler](#) - class javax.swing.plaf.basic.BasicColorChooserUI.PropertyHandler.

This inner class is marked "public" due to a compiler bug.

[BasicColorChooserUI.PropertyHandler\(BasicColorChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicColorChooserUI.PropertyHandler

[BasicColorChooserUI\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicColorChooserUI

[BasicComboBoxEditor](#) - class javax.swing.plaf.basic.BasicComboBoxEditor.

The default editor for editable combo boxes

[BasicComboBoxEditor.UIResource](#) - class javax.swing.plaf.basic.BasicComboBoxEditor.UIResource.  
A subclass of BasicComboBoxEditor that implements UIResource.

[BasicComboBoxEditor.UIResource\(\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicComboBoxEditor.UIResource

[BasicComboBoxEditor\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicComboBoxEditor

[BasicComboBoxRenderer](#) - class javax.swing.plaf.basic.BasicComboBoxRenderer.

ComboBox renderer

[BasicComboBoxRenderer.UIResource](#) - class javax.swing.plaf.basic.BasicComboBoxRenderer.UIResource.  
A subclass of BasicComboBoxRenderer that implements UIResource.

[BasicComboBoxRenderer.UIResource\(\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicComboBoxRenderer.UIResource

[BasicComboBoxRenderer\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicComboBoxRenderer

[BasicComboBoxUI](#) - class javax.swing.plaf.basic.BasicComboBoxUI.

Basic UI for JComboBox.

[BasicComboBoxUI.ComboBoxLayoutManager](#) - class  
javax.swing.plaf.basic.BasicComboBoxUI.ComboBoxLayoutManager.

This layout manager handles the 'standard' layout of combo boxes.

[BasicComboBoxUI.ComboBoxLayoutManager\(BasicComboBoxUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicComboBoxUI.ComboBoxLayoutManager

[BasicComboBoxUI.FocusHandler](#) - class javax.swing.plaf.basic.BasicComboBoxUI.FocusHandler.

This listener hides the popup when the focus is lost.

[BasicComboBoxUI.FocusHandler\(BasicComboBoxUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicComboBoxUI.FocusHandler

[BasicComboBoxUI.ItemHandler](#) - class javax.swing.plaf.basic.BasicComboBoxUI.ItemHandler.

This listener watches for changes to the selection in the combo box and updates the display of the currently selected item.

[BasicComboBoxUI.ItemHandler\(BasicComboBoxUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicComboBoxUI.ItemHandler

[BasicComboBoxUI.KeyHandler](#) - class javax.swing.plaf.basic.BasicComboBoxUI.KeyHandler.

This listener checks to see if the key event isn't a navigation key.

[BasicComboBoxUI.KeyHandler\(BasicComboBoxUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicComboBoxUI.KeyHandler

[BasicComboBoxUI.ListDataHandler](#) - class javax.swing.plaf.basic.BasicComboBoxUI.ListDataHandler.

This listener watches for changes in the data and revalidates.

[BasicComboBoxUI.ListDataHandler\(BasicComboBoxUI\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboBoxUI.ListDataHandler

[BasicComboBoxUI.PropertyChangeHandler](#) - class

javax.swing.plaf.basic.BasicComboBoxUI.PropertyChangeHandler.

This listener watches for bound properties that have changed in the JComboBox.

[BasicComboBoxUI.PropertyChangeHandler\(BasicComboBoxUI\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboBoxUI.PropertyChangeHandler

[BasicComboBoxUI\(\)](#) - Constructor for class javax.swing.plaf.basic.BasicComboBoxUI

[BasicComboPopup](#) - class javax.swing.plaf.basic.BasicComboPopup.

This is an implementation of the ComboPopup interface.

[BasicComboPopup.InvocationKeyHandler](#) - class

javax.swing.plaf.basic.BasicComboPopup.InvocationKeyHandler.

This listener watches for the spacebar being pressed and shows/hides the popup accordingly.

[BasicComboPopup.InvocationKeyHandler\(BasicComboPopup\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboPopup.InvocationKeyHandler

[BasicComboPopupInvocationMouseHandler](#) - class

javax.swing.plaf.basic.BasicComboPopupInvocationMouseHandler.

This listener knows how and when to invoke this popup menu.

[BasicComboPopupInvocationMouseHandler\(BasicComboPopup\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboPopupInvocationMouseHandler

[BasicComboPopupInvocationMouseMotionHandler](#) - class

javax.swing.plaf.basic.BasicComboPopupInvocationMouseMotionHandler.

This listener watches for dragging and updates the current selection in the list if it is dragging over the list.

[BasicComboPopupInvocationMouseMotionHandler\(BasicComboPopup\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboPopupInvocationMouseMotionHandler

[BasicComboPopup.ItemHandler](#) - class javax.swing.plaf.basic.BasicComboPopup.ItemHandler.

This listener watches for changes in the JComboBox's selection.

[BasicComboPopup.ItemHandler\(BasicComboPopup\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboPopup.ItemHandler

[BasicComboPopupListDataHandler](#) - class javax.swing.plaf.basic.BasicComboPopupListDataHandler.

Keeps the selected index in the list in-sync with the combo box's selection.

[BasicComboPopupListDataHandler\(BasicComboPopup\)](#) - Constructor for class

javax.swing.plaf.basic.BasicComboPopupListDataHandler

[BasicComboPopupListMouseListener](#) - class javax.swing.plaf.basic.BasicComboPopupListMouseListener.

This listener hides the popup when the mouse is released in the list.

[BasicComboPopup.ListMouseHandler\(BasicComboPopup\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicComboPopup.ListMouseHandler](#)

[BasicComboPopup.ListMouseMotionHandler](#) - class  
javax.swing.plaf.basic.[BasicComboPopup.ListMouseMotionHandler](#).

This listener changes the selected item as you move the mouse over the list.

[BasicComboPopup.ListMouseMotionHandler\(BasicComboPopup\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicComboPopup.ListMouseMotionHandler](#)

[BasicComboPopup.ListSelectionHandler](#) - class  
javax.swing.plaf.basic.[BasicComboPopup.ListSelectionHandler](#).

This listener watches for changes in the list's selection and reports them to the combo box.

[BasicComboPopup.ListSelectionHandler\(BasicComboPopup\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicComboPopup.ListSelectionHandler](#)

[BasicComboPopup.PropertyChangeHandler](#) - class  
javax.swing.plaf.basic.[BasicComboPopup.PropertyChangeHandler](#).

This listener watches for bound property changes in JComboBox.

[BasicComboPopup.PropertyChangeHandler\(BasicComboPopup\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicComboPopup.PropertyChangeHandler](#)

[BasicComboPopup\(JComboBox\)](#) - Constructor for class javax.swing.plaf.basic.[BasicComboPopup](#)

[BasicDesktopIconUI](#) - class javax.swing.plaf.basic.[BasicDesktopIconUI](#).

Basic L&F for a minimized window on a desktop.

[BasicDesktopIconUI.MouseInputHandler](#) - class  
javax.swing.plaf.basic.[BasicDesktopIconUI.MouseInputHandler](#).

Listens for mouse movements and acts on them.

[BasicDesktopIconUI.MouseInputHandler\(BasicDesktopIconUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicDesktopIconUI.MouseInputHandler](#)

[BasicDesktopIconUIQ](#) - Constructor for class javax.swing.plaf.basic.[BasicDesktopIconUI](#)

[BasicDesktopPaneUI](#) - class javax.swing.plaf.basic.[BasicDesktopPaneUI](#).

Basic L&F for a desktop.

[BasicDesktopPaneUI.CloseAction](#) - class javax.swing.plaf.basic.[BasicDesktopPaneUI.CloseAction](#).

[BasicDesktopPaneUI.CloseAction\(BasicDesktopPaneUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicDesktopPaneUI.CloseAction](#)

[BasicDesktopPaneUI.MaximizeAction](#) - class javax.swing.plaf.basic.[BasicDesktopPaneUI.MaximizeAction](#).

[BasicDesktopPaneUI.MaximizeAction\(BasicDesktopPaneUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicDesktopPaneUI.MaximizeAction](#)

[BasicDesktopPaneUI.MinimizeAction](#) - class javax.swing.plaf.basic.[BasicDesktopPaneUI.MinimizeAction](#).

[BasicDesktopPaneUI.MinimizeAction\(BasicDesktopPaneUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicDesktopPaneUI.MinimizeAction](#)

[BasicDesktopPaneUI.NavigateAction](#) - class javax.swing.plaf.basic.[BasicDesktopPaneUI.NavigateAction](#).

[BasicDesktopPaneUI.NavigateAction\(BasicDesktopPaneUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicDesktopPaneUI.NavigateAction](#)

[BasicDesktopPaneUI.OpenAction](#) - class javax.swing.plaf.basic.[BasicDesktopPaneUI.OpenAction](#).

[BasicDesktopPaneUI.OpenAction\(BasicDesktopPaneUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicDesktopPaneUI.OpenAction](#)

[BasicDesktopPaneUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicDesktopPaneUI](#)

[BasicDirectoryModel](#) - class javax.swing.plaf.basic.[BasicDirectoryModel](#).

Basic implementation of a file list.

[BasicDirectoryModel\(JFileChooser\)](#) - Constructor for class javax.swing.plaf.basic.[BasicDirectoryModel](#)

[BasicEditorPaneUI](#) - class javax.swing.plaf.basic.[BasicEditorPaneUI](#).

Provides the look and feel for a JEditorPane.

[BasicEditorPaneUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicEditorPaneUI](#)

Creates a new BasicEditorPaneUI.

[BasicFileChooserUI](#) - class javax.swing.plaf.basic.[BasicFileChooserUI](#).

Basic L&F implementation of a FileChooser.

[BasicFileChooserUI.AcceptAllFileFilter](#) - class  
javax.swing.plaf.basic.[BasicFileChooserUI.AcceptAllFileFilter](#).

[BasicFileChooserUI.AcceptAllFileFilter\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.AcceptAllFileFilter](#)

[BasicFileChooserUI.ApproveSelectionAction](#) - class

javax.swing.plaf.basic.[BasicFileChooserUI.ApproveSelectionAction](#).

Responds to an Open or Save request

[BasicFileChooserUI.ApproveSelectionAction\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.ApproveSelectionAction](#)

[BasicFileChooserUI.BasicFileView](#) - class javax.swing.plaf.basic.[BasicFileChooserUI.BasicFileView](#).

[BasicFileChooserUI.BasicFileView\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.BasicFileView](#)

[BasicFileChooserUI.CancelSelectionAction](#) - class

javax.swing.plaf.basic.[BasicFileChooserUI.CancelSelectionAction](#).

Responds to a cancel request.

[BasicFileChooserUI.CancelSelectionAction\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.CancelSelectionAction](#)

[BasicFileChooserUI.ChangeToParentDirectoryAction](#) - class  
javax.swing.plaf.basic.[BasicFileChooserUI.ChangeToParentDirectoryAction](#).

[BasicFileChooserUI.ChangeToParentDirectoryAction\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.ChangeToParentDirectoryAction](#)

[BasicFileChooserUI.DoubleClickListener](#) - class  
javax.swing.plaf.basic.[BasicFileChooserUI.DoubleClickListener](#).

[BasicFileChooserUI.DoubleClickListener\(BasicFileChooserUI, JList\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.DoubleClickListener](#)

[BasicFileChooserUI.GoHomeAction](#) - class javax.swing.plaf.basic.[BasicFileChooserUI.GoHomeAction](#).  
Acts on the "home" key event or equivalent event.

[BasicFileChooserUI.GoHomeAction\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.GoHomeAction](#)

[BasicFileChooserUI.NewFolderAction](#) - class javax.swing.plaf.basic.[BasicFileChooserUI.NewFolderAction](#).  
Creates a new folder.

[BasicFileChooserUI.NewFolderAction\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.NewFolderAction](#)

[BasicFileChooserUI.SelectionListener](#) - class javax.swing.plaf.basic.[BasicFileChooserUI.SelectionListener](#).

[BasicFileChooserUI.SelectionListener\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.SelectionListener](#)

[BasicFileChooserUI.UpdateAction](#) - class javax.swing.plaf.basic.[BasicFileChooserUI.UpdateAction](#).  
Rescans the files in the current directory

[BasicFileChooserUI.UpdateAction\(BasicFileChooserUI\)](#) - Constructor for class  
javax.swing.plaf.basic.[BasicFileChooserUI.UpdateAction](#)

[BasicFileChooserUI\(JFileChooser\)](#) - Constructor for class javax.swing.plaf.basic.[BasicFileChooserUI](#)

[BasicGraphicsUtils](#) - class javax.swing.plaf.basic.[BasicGraphicsUtils](#).

[BasicGraphicsUtils\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicGraphicsUtils](#)

[BasicHTML](#) - class javax.swing.plaf.basic.[BasicHTML](#).  
Support for providing html views for the swing components.

[BasicHTML\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicHTML](#)

[BasicIconFactory](#) - class javax.swing.plaf.basic.[BasicIconFactory](#).  
Factory object that can vend Icons appropriate for the basic L & F.  
[BasicIconFactory\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicIconFactory](#)

[BasicInternalFrameTitlePane](#) - class javax.swing.plaf.basic.BasicInternalFrameTitlePane.

The class that manages a basic title bar

[BasicInternalFrameTitlePane.CloseAction](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.CloseAction.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.CloseAction\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.CloseAction

[BasicInternalFrameTitlePane.IconifyAction](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.IconifyAction.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.IconifyAction\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.IconifyAction

[BasicInternalFrameTitlePane.MaximizeAction](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.MaximizeAction.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.MaximizeAction\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.MaximizeAction

[BasicInternalFrameTitlePane.MoveAction](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.MoveAction.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.MoveAction\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.MoveAction

[BasicInternalFrameTitlePane.PropertyChangeHandler](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.PropertyChangeHandler.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.PropertyChangeHandler\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.PropertyChangeHandler

[BasicInternalFrameTitlePane.RestoreAction](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.RestoreAction.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.RestoreAction\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.RestoreAction

[BasicInternalFrameTitlePane.SizeAction](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.SizeAction.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.SizeAction\(BasicInternalFrameTitlePane\)](#) - Constructor for class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.SizeAction

[BasicInternalFrameTitlePane.SystemMenuBar](#) - class

javax.swing.plaf.basic.BasicInternalFrameTitlePane.SystemMenuBar.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.SystemMenuBar\(BasicInternalFrameTitlePane\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameTitlePane.SystemMenuBar

[BasicInternalFrameTitlePane.TitlePaneLayout](#) - class  
javax.swing.plaf.basic.BasicInternalFrameTitlePane.TitlePaneLayout.

This inner class is marked "public" due to a compiler bug.

[BasicInternalFrameTitlePane.TitlePaneLayout\(BasicInternalFrameTitlePane\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameTitlePane.TitlePaneLayout

[BasicInternalFrameTitlePane\(JInternalFrame\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameTitlePane

[BasicInternalFrameUI](#) - class javax.swing.plaf.basic.BasicInternalFrameUI.

A basic L&F implementation of JInternalFrame.

[BasicInternalFrameUI.BasicInternalFrameListener](#) - class  
javax.swing.plaf.basic.BasicInternalFrameUI.BasicInternalFrameListener.

[BasicInternalFrameUI.BasicInternalFrameListener\(BasicInternalFrameUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameUI.BasicInternalFrameListener

[BasicInternalFrameUI.BorderListener](#) - class javax.swing.plaf.basic.BasicInternalFrameUI.BorderListener.

Listens for border adjustments.

[BasicInternalFrameUI.BorderListener\(BasicInternalFrameUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameUI.BorderListener

[BasicInternalFrameUI.ComponentHandler](#) - class  
javax.swing.plaf.basic.BasicInternalFrameUI.ComponentHandler.

[BasicInternalFrameUI.ComponentHandler\(BasicInternalFrameUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameUI.ComponentHandler

[BasicInternalFrameUI.GlassPaneDispatcher](#) - class  
javax.swing.plaf.basic.BasicInternalFrameUI.GlassPaneDispatcher.

[BasicInternalFrameUI.GlassPaneDispatcher\(BasicInternalFrameUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameUI.GlassPaneDispatcher

[BasicInternalFrameUI.InternalFrameLayout](#) - class  
javax.swing.plaf.basic.BasicInternalFrameUI.InternalFrameLayout.

[BasicInternalFrameUI.InternalFrameLayout\(BasicInternalFrameUI\)](#) - Constructor for class  
javax.swing.plaf.basic.BasicInternalFrameUI.InternalFrameLayout

[BasicInternalFrameUI.InternalFramePropertyChangeListener](#) - class  
javax.swing.plaf.basic.BasicInternalFrameUI.InternalFramePropertyChangeListener.

[BasicInternalFrameUI.InternalFramePropertyChangeListener\(BasicInternalFrameUI\)](#) - Constructor for class

`javax.swing.plaf.basic.BasicInternalFrameUI.InternalFramePropertyChangeListener`

`BasicInternalFrameUI(JInternalFrame)` - Constructor for class `javax.swing.plaf.basic.BasicInternalFrameUI`

`BasicLabelUI` - class `javax.swing.plaf.basic.BasicLabelUI`.

A Windows L&F implementation of LabelUI.

`BasicLabelUI()` - Constructor for class `javax.swing.plaf.basic.BasicLabelUI`

`BasicListUI` - class `javax.swing.plaf.basic.BasicListUI`.

A Windows L&F implementation of ListUI.

`BasicListUI.FocusHandler` - class `javax.swing.plaf.basic.BasicListUI.FocusHandler`.

This inner class is marked "public" due to a compiler bug.

`BasicListUI.FocusHandler(BasicListUI)` - Constructor for class

`javax.swing.plaf.basic.BasicListUI.FocusHandler`

`BasicListUI.ListDataHandler` - class `javax.swing.plaf.basic.BasicListUI.ListDataHandler`.

The ListDataListener that's added to the JLists model at installUI time, and whenever the JList.model property changes.

`BasicListUI.ListDataHandler(BasicListUI)` - Constructor for class

`javax.swing.plaf.basic.BasicListUI.ListDataHandler`

`BasicListUI.ListSelectionHandler` - class `javax.swing.plaf.basic.BasicListUI.ListSelectionHandler`.

The ListSelectionListener that's added to the JLists selection model at installUI time, and whenever the JList.selectionModel property changes.

`BasicListUI.ListSelectionHandler(BasicListUI)` - Constructor for class

`javax.swing.plaf.basic.BasicListUI.ListSelectionHandler`

`BasicListUI.MouseInputHandler` - class `javax.swing.plaf.basic.BasicListUI.MouseInputHandler`.

Mouse input, and focus handling for JList.

`BasicListUI.MouseInputHandler(BasicListUI)` - Constructor for class

`javax.swing.plaf.basic.BasicListUI.MouseInputHandler`

`BasicListUI.PropertyChangeHandler` - class `javax.swing.plaf.basic.BasicListUI.PropertyChangeHandler`.

The PropertyChangeListener that's added to the JList at installUI time.

`BasicListUI.PropertyChangeHandler(BasicListUI)` - Constructor for class

`javax.swing.plaf.basic.BasicListUI.PropertyChangeHandler`

`BasicListUI()` - Constructor for class `javax.swing.plaf.basic.BasicListUI`

`BasicLookAndFeel` - class `javax.swing.plaf.basic.BasicLookAndFeel`.

Implements the a standard base LookAndFeel class from which standard desktop LookAndFeel classes (JLF, Mac, Windows, etc.) can be derived.

`BasicLookAndFeel()` - Constructor for class `javax.swing.plaf.basic.BasicLookAndFeel`

`BasicMenuBarUI` - class `javax.swing.plaf.basic.BasicMenuBarUI`.

A default L&F implementation of MenuBarUI.

`BasicMenuBarUI()` - Constructor for class `javax.swing.plaf.basic.BasicMenuBarUI`

BasicMenuItemUI - class javax.swing.plaf.basic.BasicMenuItemUI.

    BasicMenuItem implementation

BasicMenuItemUI.MouseInputHandler - class javax.swing.plaf.basic.BasicMenuItemUI.MouseInputHandler.

BasicMenuItemUI.MouseInputHandler(BasicMenuItemUI) - Constructor for class  
javax.swing.plaf.basic.BasicMenuItemUI.MouseInputHandler

BasicMenuItemUI() - Constructor for class javax.swing.plaf.basic.BasicMenuItemUI

BasicMenuUI - class javax.swing.plaf.basic.BasicMenuUI.

    A default L&F implementation of MenuUI.

BasicMenuUI.ChangeHandler - class javax.swing.plaf.basic.BasicMenuUI.ChangeHandler.

BasicMenuUI.ChangeHandler(BasicMenuUI, JMenu, BasicMenuUI) - Constructor for class  
javax.swing.plaf.basic.BasicMenuUI.ChangeHandler

BasicMenuUI() - Constructor for class javax.swing.plaf.basic.BasicMenuUI

BasicOptionPaneUI - class javax.swing.plaf.basic.BasicOptionPaneUI.

    Provides the basic look and feel for a JOptionPane.

BasicOptionPaneUI.ButtonActionListener - class  
javax.swing.plaf.basic.BasicOptionPaneUI.ButtonActionListener.

    This inner class is marked "public" due to a compiler bug.

BasicOptionPaneUI.ButtonActionListener(BasicOptionPaneUI, int) - Constructor for class  
javax.swing.plaf.basic.BasicOptionPaneUI.ButtonActionListener

BasicOptionPaneUI.ButtonAreaLayout - class javax.swing.plaf.basic.BasicOptionPaneUI.ButtonAreaLayout.

    ButtonAreaLayout acts similiar to FlowLayout.

BasicOptionPaneUI.ButtonAreaLayout(boolean, int) - Constructor for class  
javax.swing.plaf.basic.BasicOptionPaneUI.ButtonAreaLayout

BasicOptionPaneUI.PropertyChangeHandler - class

    javax.swing.plaf.basic.BasicOptionPaneUI.PropertyChangeHandler.

    This inner class is marked "public" due to a compiler bug.

BasicOptionPaneUI.PropertyChangeHandler(BasicOptionPaneUI) - Constructor for class  
javax.swing.plaf.basic.BasicOptionPaneUI.PropertyChangeHandler

BasicOptionPaneUI() - Constructor for class javax.swing.plaf.basic.BasicOptionPaneUI

BasicPanelUI - class javax.swing.plaf.basic.BasicPanelUI.

    BasicPanel implementation

BasicPanelUI() - Constructor for class javax.swing.plaf.basic.BasicPanelUI

BasicPasswordFieldUI - class javax.swing.plaf.basic.BasicPasswordFieldUI.

    Provides the Windows look and feel for a password field.

BasicPasswordFieldUI() - Constructor for class javax.swing.plaf.basic.BasicPasswordFieldUI

[BasicPermission](#) - class `java.security.BasicPermission`.

The `BasicPermission` class extends the `Permission` class, and can be used as the base class for permissions that want to follow the same naming convention as `BasicPermission`.

[BasicPermission\(String\)](#) - Constructor for class `java.security.BasicPermission`

Creates a new `BasicPermission` with the specified name.

[BasicPermission\(String, String\)](#) - Constructor for class `java.security.BasicPermission`

Creates a new `BasicPermission` object with the specified name.

[BasicPopupMenuSeparatorUI](#) - class `javax.swing.plaf.basic.BasicPopupMenuSeparatorUI`.

A Basic L&F implementation of `PopupMenuSeparatorUI`.

[BasicPopupMenuSeparatorUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicPopupMenuSeparatorUI`

[BasicPopupMenuUI](#) - class `javax.swing.plaf.basic.BasicPopupMenuUI`.

A Windows L&F implementation of `PopupMenuUI`.

[BasicPopupMenuUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicPopupMenuUI`

[BasicProgressBarUI](#) - class `javax.swing.plaf.basic.BasicProgressBarUI`.

A Basic L&F implementation of `ProgressBarUI`.

[BasicProgressBarUI.ChangeHandler](#) - class `javax.swing.plaf.basic.BasicProgressBarUI.ChangeHandler`.

This inner class is marked "public" due to a compiler bug.

[BasicProgressBarUI.ChangeHandler\(BasicProgressBarUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicProgressBarUI.ChangeHandler`

[BasicProgressBarUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicProgressBarUI`

[BasicRadioButtonMenuItemUI](#) - class `javax.swing.plaf.basic.BasicRadioButtonMenuItemUI`.

BasicRadioButtonMenuItem implementation

[BasicRadioButtonMenuItemUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicRadioButtonMenuItemUI`

[BasicRadioButtonUI](#) - class `javax.swing.plaf.basic.BasicRadioButtonUI`.

RadioButtonUI implementation for `BasicRadioButtonUI`

[BasicRadioButtonUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicRadioButtonUI`

[BasicRootPaneUI](#) - class `javax.swing.plaf.basic.BasicRootPaneUI`.

Basic implementation of `RootPaneUI`, there is one shared between all `JRootPane` instances.

[BasicRootPaneUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicRootPaneUI`

[BasicScrollBarUI](#) - class `javax.swing.plaf.basic.BasicScrollBarUI`.

Implementation of `ScrollBarUI` for the Basic Look and Feel

[BasicScrollBarUI.ArrowButtonListener](#) - class `javax.swing.plaf.basic.BasicScrollBarUI.ArrowButtonListener`.

Listener for cursor keys.

[BasicScrollBarUI.ArrowButtonListener\(BasicScrollBarUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicScrollBarUI.ArrowButtonListener`

[BasicScrollBarUI.ModelListener](#) - class `javax.swing.plaf.basic.BasicScrollBarUI.ModelListener`.

A listener to listen for model changes.

[BasicScrollBarUI.ModelListener\(BasicScrollBarUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicScrollBarUI.ModelListener`

`javax.swing.plaf.basic.BasicScrollBarUI.ModelListener`

`BasicScrollBarUI.PropertyChangeHandler` - class

`javax.swing.plaf.basic.BasicScrollBarUI.PropertyChangeHandler`.

`BasicScrollBarUI.PropertyChangeHandler(BasicScrollBarUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollBarUI.PropertyChangeHandler`

`BasicScrollBarUI.ScrollListener` - class `javax.swing.plaf.basic.BasicScrollBarUI.ScrollListener`.

Listener for scrolling events initiated in the ScrollPane.

`BasicScrollBarUI.ScrollListener(BasicScrollBarUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollBarUI.ScrollListener`

`BasicScrollBarUI.ScrollListener(BasicScrollBarUI, int, boolean)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollBarUI.ScrollListener`

`BasicScrollBarUI.TrackListener` - class `javax.swing.plaf.basic.BasicScrollBarUI.TrackListener`.

Track mouse drags.

`BasicScrollBarUI.TrackListener(BasicScrollBarUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollBarUI.TrackListener`

`BasicScrollBarUI()` - Constructor for class `javax.swing.plaf.basic.BasicScrollBarUI`

`BasicScrollPaneUI` - class `javax.swing.plaf.basic.BasicScrollPaneUI`.

A default L&F implementation of ScrollPaneUI.

`BasicScrollPaneUI.HSBChangeListener` - class

`javax.swing.plaf.basic.BasicScrollPaneUI.HSBChangeListener`.

Horizontal scrollbar listener.

`BasicScrollPaneUI.HSBChangeListener(BasicScrollPaneUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollPaneUI.HSBChangeListener`

`BasicScrollPaneUI.PropertyChangeHandler` - class

`javax.swing.plaf.basic.BasicScrollPaneUI.PropertyChangeHandler`.

`BasicScrollPaneUI.PropertyChangeHandler(BasicScrollPaneUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollPaneUI.PropertyChangeHandler`

`BasicScrollPaneUI.ViewportChangeListener` - class

`javax.swing.plaf.basic.BasicScrollPaneUI.ViewportChangeListener`.

Listener for viewport events.

`BasicScrollPaneUI.ViewportChangeListener(BasicScrollPaneUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollPaneUI.ViewportChangeListener`

`BasicScrollPaneUI.VSBChangeListener` - class

`javax.swing.plaf.basic.BasicScrollPaneUI.VSBChangeListener`.

Vertical scrollbar listener.

`BasicScrollPaneUI.VSBChangeListener(BasicScrollPaneUI)` - Constructor for class

`javax.swing.plaf.basic.BasicScrollPaneUI.VSBChangeListener`

[BasicScrollPaneUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicScrollPaneUI`

[BasicSeparatorUI](#) - class `javax.swing.plaf.basic.BasicSeparatorUI`.

A Basic L&F implementation of SeparatorUI.

[BasicSeparatorUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSeparatorUI`

[BasicSliderUI](#) - class `javax.swing.plaf.basic.BasicSliderUI`.

A Basic L&F implementation of SliderUI.

[BasicSliderUI.ActionScroller](#) - class `javax.swing.plaf.basic.BasicSliderUI.ActionScroller`.

As of Java 2 platform v1.3 this undocumented class is no longer used.

[BasicSliderUI.ActionScroller\(BasicSliderUI, JSlider, int, boolean\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.ActionScroller`

[BasicSliderUI.ChangeHandler](#) - class `javax.swing.plaf.basic.BasicSliderUI.ChangeHandler`.

Data model listener.

[BasicSliderUI.ChangeHandler\(BasicSliderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.ChangeHandler`

[BasicSliderUI.ComponentHandler](#) - class `javax.swing.plaf.basic.BasicSliderUI.ComponentHandler`.

Listener for resizing events.

[BasicSliderUI.ComponentHandler\(BasicSliderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.ComponentHandler`

[BasicSliderUI.FocusHandler](#) - class `javax.swing.plaf.basic.BasicSliderUI.FocusHandler`.

Focus-change listener.

[BasicSliderUI.FocusHandler\(BasicSliderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.FocusHandler`

[BasicSliderUI.PropertyChangeHandler](#) - class `javax.swing.plaf.basic.BasicSliderUI.PropertyChangeHandler`.

[BasicSliderUI.PropertyChangeHandler\(BasicSliderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.PropertyChangeHandler`

[BasicSliderUI.ScrollListener](#) - class `javax.swing.plaf.basic.BasicSliderUI.ScrollListener`.

Scroll-event listener.

[BasicSliderUI.ScrollListener\(BasicSliderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.ScrollListener`

[BasicSliderUI.ScrollListener\(BasicSliderUI, int, boolean\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.ScrollListener`

[BasicSliderUI.TrackListener](#) - class `javax.swing.plaf.basic.BasicSliderUI.TrackListener`.

Track mouse movements.

[BasicSliderUI.TrackListener\(BasicSliderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicSliderUI.TrackListener`

[BasicSliderUI\(JSlider\)](#) - Constructor for class javax.swing.plaf.basic.BasicSliderUI

[BasicSplitPaneDivider](#) - class javax.swing.plaf.basic.BasicSplitPaneDivider.

Divider used by BasicSplitPaneUI.

[BasicSplitPaneDivider.DividerLayout](#) - class javax.swing.plaf.basic.BasicSplitPaneDivider.DividerLayout.

Used to layout a BasicSplitPaneDivider.

[BasicSplitPaneDivider.DividerLayout\(BasicSplitPaneDivider\)](#) - Constructor for class javax.swing.plaf.basic.BasicSplitPaneDivider.DividerLayout

[BasicSplitPaneDivider.DragController](#) - class javax.swing.plaf.basic.BasicSplitPaneDivider.DragController.

Handles the events during a dragging session for a HORIZONTAL\_SPLIT orientated split pane.

[BasicSplitPaneDivider.DragController\(BasicSplitPaneDivider, MouseEvent\)](#) - Constructor for class javax.swing.plaf.basic.BasicSplitPaneDivider.DragController

[BasicSplitPaneDivider.MouseEventHandler](#) - class javax.swing.plaf.basic.BasicSplitPaneDivider.MouseEventHandler.

MouseListener is responsible for converting mouse events (released, dragged...) into the appropriate DragController methods.

[BasicSplitPaneDivider.MouseEventHandler\(BasicSplitPaneDivider\)](#) - Constructor for class javax.swing.plaf.basic.BasicSplitPaneDivider.MouseEventHandler

[BasicSplitPaneDivider.VerticalDragController](#) - class

javax.swing.plaf.basic.BasicSplitPaneDivider.VerticalDragController.

Handles the events during a dragging session for a VERTICAL\_SPLIT orientated split pane.

[BasicSplitPaneDivider.VerticalDragController\(BasicSplitPaneDivider, MouseEvent\)](#) - Constructor for class javax.swing.plaf.basic.BasicSplitPaneDivider.VerticalDragController

[BasicSplitPaneDivider\(BasicSplitPaneUI\)](#) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneDivider

Creates an instance of BasicSplitPaneDivider.

[BasicSplitPaneUI](#) - class javax.swing.plaf.basic.BasicSplitPaneUI.

A Basic L&F implementation of the SplitPaneUI.

[BasicSplitPaneUI.BasicHorizontalLayoutManager](#) - class

javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager.

LayoutManager for JSplitPanes that have an orientation of HORIZONTAL\_SPLIT.

[BasicSplitPaneUI.BasicVerticalLayoutManager](#) - class

javax.swing.plaf.basic.BasicSplitPaneUI.BasicVerticalLayoutManager.

LayoutManager used for JSplitPanes with an orientation of VERTICAL\_SPLIT.

[BasicSplitPaneUI.BasicVerticalLayoutManager\(BasicSplitPaneUI\)](#) - Constructor for class javax.swing.plaf.basic.BasicSplitPaneUI.BasicVerticalLayoutManager

[BasicSplitPaneUI.FocusHandler](#) - class javax.swing.plaf.basic.BasicSplitPaneUI.FocusHandler.

Implementation of the FocusListener that the JSplitPane UI uses.

[BasicSplitPaneUI.FocusHandler\(BasicSplitPaneUI\)](#) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.FocusHandler

[BasicSplitPaneUI.KeyboardDownRightHandler](#) - class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardDownRightHandler.

Implementation of an ActionListener that the JSplitPane UI uses for handling specific key presses.

BasicSplitPaneUI.KeyboardDownRightHandler(BasicSplitPaneUI) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardDownRightHandler

BasicSplitPaneUI.KeyboardEndHandler - class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardEndHandler.

Implementation of an ActionListener that the JSplitPane UI uses for handling specific key presses.

BasicSplitPaneUI.KeyboardEndHandler(BasicSplitPaneUI) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardEndHandler

BasicSplitPaneUI.KeyboardHomeHandler - class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardHomeHandler.

Implementation of an ActionListener that the JSplitPane UI uses for handling specific key presses.

BasicSplitPaneUI.KeyboardHomeHandler(BasicSplitPaneUI) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardHomeHandler

BasicSplitPaneUI.KeyboardResizeToggleHandler - class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardResizeToggleHandler.

Implementation of an ActionListener that the JSplitPane UI uses for handling specific key presses.

BasicSplitPaneUI.KeyboardResizeToggleHandler(BasicSplitPaneUI) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardResizeToggleHandler

BasicSplitPaneUI.KeyboardUpLeftHandler - class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardUpLeftHandler.

Implementation of an ActionListener that the JSplitPane UI uses for handling specific key presses.

BasicSplitPaneUI.KeyboardUpLeftHandler(BasicSplitPaneUI) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.KeyboardUpLeftHandler

BasicSplitPaneUI.PropertyHandler - class javax.swing.plaf.basic.BasicSplitPaneUI.PropertyHandler.

Implementation of the PropertyChangeListener that the JSplitPane UI uses.

BasicSplitPaneUI.PropertyHandler(BasicSplitPaneUI) - Constructor for class

javax.swing.plaf.basic.BasicSplitPaneUI.PropertyHandler

BasicSplitPaneUI() - Constructor for class javax.swing.plaf.basic.BasicSplitPaneUI

BasicStroke - class java.awt.BasicStroke.

The BasicStroke class defines a basic set of rendering attributes for the outlines of graphics primitives, which are rendered with a Graphics2D object that has its Stroke attribute set to this BasicStroke.

BasicStroke() - Constructor for class java.awt.BasicStroke

Constructs a new BasicStroke with defaults for all attributes.

BasicStroke(float) - Constructor for class java.awt.BasicStroke

Constructs a solid BasicStroke with the specified line width and with default values for the cap and join styles.

BasicStroke(float, int, int) - Constructor for class java.awt.BasicStroke

Constructs a solid BasicStroke with the specified attributes.

BasicStroke(float, int, int, float) - Constructor for class java.awt.BasicStroke

Constructs a solid `BasicStroke` with the specified attributes.

[BasicStroke\(float, int, int, float, float\[\], float\)](#) - Constructor for class `java.awt.BasicStroke`

Constructs a new `BasicStroke` with the specified attributes.

[BasicTabbedPaneUI](#) - class `javax.swing.plaf.basic.BasicTabbedPaneUI`.

A Basic L&F implementation of `TabbedPaneUI`.

[BasicTabbedPaneUI.FocusHandler](#) - class `javax.swing.plaf.basic.BasicTabbedPaneUI.FocusHandler`.

This inner class is marked "public" due to a compiler bug.

[BasicTabbedPaneUI.FocusHandler\(BasicTabbedPaneUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTabbedPaneUI.FocusHandler`

[BasicTabbedPaneUI.MouseEventHandler](#) - class `javax.swing.plaf.basic.BasicTabbedPaneUI.MouseEventHandler`.

This inner class is marked "public" due to a compiler bug.

[BasicTabbedPaneUI.MouseEventHandler\(BasicTabbedPaneUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTabbedPaneUI.MouseEventHandler`

[BasicTabbedPaneUI.PropertyChangeHandler](#) - class

`javax.swing.plaf.basic.BasicTabbedPaneUI.PropertyChangeHandler`.

This inner class is marked "public" due to a compiler bug.

[BasicTabbedPaneUI.PropertyChangeHandler\(BasicTabbedPaneUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTabbedPaneUI.PropertyChangeHandler`

[BasicTabbedPaneUI.TabbedPaneLayout](#) - class

`javax.swing.plaf.basic.BasicTabbedPaneUI.TabbedPaneLayout`.

This inner class is marked "public" due to a compiler bug.

[BasicTabbedPaneUI.TabbedPaneLayout\(BasicTabbedPaneUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTabbedPaneUI.TabbedPaneLayout`

[BasicTabbedPaneUI.TabSelectionHandler](#) - class

`javax.swing.plaf.basic.BasicTabbedPaneUI.TabSelectionHandler`.

This inner class is marked "public" due to a compiler bug.

[BasicTabbedPaneUI.TabSelectionHandler\(BasicTabbedPaneUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTabbedPaneUI.TabSelectionHandler`

[BasicTabbedPaneUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTabbedPaneUI`

[BasicTableHeaderUI](#) - class `javax.swing.plaf.basic.BasicTableHeaderUI`.

BasicTableHeaderUI implementation

[BasicTableHeaderUI.MouseInputHandler](#) - class

`javax.swing.plaf.basic.BasicTableHeaderUI.MouseInputHandler`.

This inner class is marked "public" due to a compiler bug.

[BasicTableHeaderUI.MouseInputHandler\(BasicTableHeaderUI\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTableHeaderUI.MouseInputHandler`

[BasicTableHeaderUI\(\)](#) - Constructor for class `javax.swing.plaf.basic.BasicTableHeaderUI`

[BasicTableUI](#) - class `javax.swing.plaf.basic.BasicTableUI`.

BasicTableUI implementation

[BasicTableUI.FocusHandler](#) - class javax.swing.plaf.basic.[BasicTableUI.FocusHandler](#).

This inner class is marked "public" due to a compiler bug.

[BasicTableUI.FocusHandler\(BasicTableUI\)](#) - Constructor for class

javax.swing.plaf.basic.[BasicTableUI.FocusHandler](#)

[BasicTableUI.KeyHandler](#) - class javax.swing.plaf.basic.[BasicTableUI.KeyHandler](#).

This inner class is marked "public" due to a compiler bug.

[BasicTableUI.KeyHandler\(BasicTableUI\)](#) - Constructor for class

javax.swing.plaf.basic.[BasicTableUI.KeyHandler](#)

[BasicTableUI.MouseInputHandler](#) - class javax.swing.plaf.basic.[BasicTableUI.MouseInputHandler](#).

This inner class is marked "public" due to a compiler bug.

[BasicTableUI.MouseInputHandler\(BasicTableUI\)](#) - Constructor for class

javax.swing.plaf.basic.[BasicTableUI.MouseInputHandler](#)

[BasicTableUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTableUI](#)

[BasicTextAreaUI](#) - class javax.swing.plaf.basic.[BasicTextAreaUI](#).

Provides the look and feel for a plain text editor.

[BasicTextAreaUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTextAreaUI](#)

Constructs a new BasicTextAreaUI object.

[BasicTextFieldUI](#) - class javax.swing.plaf.basic.[BasicTextFieldUI](#).

Basis of a look and feel for a JTextField.

[BasicTextFieldUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTextFieldUI](#)

Creates a new BasicTextFieldUI.

[BasicTextPaneUI](#) - class javax.swing.plaf.basic.[BasicTextPaneUI](#).

Provides the look and feel for a styled text editor.

[BasicTextPaneUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTextPaneUI](#)

Creates a new BasicTextPaneUI.

[BasicTextUI](#) - class javax.swing.plaf.basic.[BasicTextUI](#).

Basis of a text components look-and-feel.

[BasicTextUI.BasicCaret](#) - class javax.swing.plaf.basic.[BasicTextUI.BasicCaret](#).

[BasicTextUI.BasicCaret\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTextUI.BasicCaret](#)

[BasicTextUI.BasicHighlighter](#) - class javax.swing.plaf.basic.[BasicTextUI.BasicHighlighter](#).

[BasicTextUI.BasicHighlighter\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTextUI.BasicHighlighter](#)

[BasicTextUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicTextUI](#)

Creates a new UI.

[BasicToggleButtonUI](#) - class javax.swing.plaf.basic.[BasicToggleButtonUI](#).

BasicToggleButton implementation

[BasicToggleButtonUI\(\)](#) - Constructor for class javax.swing.plaf.basic.[BasicToggleButtonUI](#)

[BasicToolBarSeparatorUI](#) - class javax.swing.plaf.basic.[BasicToolBarSeparatorUI](#).

A Basic L&F implementation of ToolBarSeparatorUI.

The bitmask that indicates that a point lies to the left of this Rectangle2D.

OUT\_RIGHT - Static variable in class java.awt.geom.Rectangle2D

The bitmask that indicates that a point lies to the right of this Rectangle2D.

OUT\_TOP - Static variable in class java.awt.geom.Rectangle2D

The bitmask that indicates that a point lies above this Rectangle2D.

outcode(double, double) - Method in class java.awt.Rectangle

Determines where the specified coordinates lie with respect to this Rectangle.

outcode(double, double) - Method in class java.awt.geom.Rectangle2D

Determines where the specified coordinates lie with respect to this Rectangle2D.

outcode(double, double) - Method in class java.awt.geom.Rectangle2D.Float

Determines where the specified float coordinates lie with respect to this Rectangle2D.

outcode(double, double) - Method in class java.awt.geom.Rectangle2D.Double

Determines where the specified double coordinates lie with respect to this Rectangle2D.

outcode(Point2D) - Method in class java.awt.geom.Rectangle2D

Determines where the specified Point2D lies with respect to this Rectangle2D.

OUTLINE\_DRAG\_MODE - Static variable in class javax.swing.JDesktopPane

Used to indicate you wish to see only an outline of the item being dragged inside the desktop pane.

OutOfMemoryError - error java.lang.OutOfMemoryError

Thrown when the Java Virtual Machine cannot allocate an object because it is out of memory, and no more memory could be made available by the garbage collector.

OutOfMemoryError() - Constructor for class java.lang.OutOfMemoryError

Constructs an OutOfMemoryError with no detail message.

OutOfMemoryError(String) - Constructor for class java.lang.OutOfMemoryError

Constructs an OutOfMemoryError with the specified detail message.

outpixbuf - Variable in class java.awt.image.ReplicateScaleFilter

A byte array initialized with a size of ReplicateScaleFilter.destWidth and used to deliver a row of pixel data to the ImageConsumer.

output(char[], int, int) - Method in class javax.swing.text.AbstractWriter

The last stop in writing out content.

output(char[], int, int) - Method in class javax.swing.text.html.HTMLWriter

This method is overriden to map any character entities, such as < to &lt;;

OutputStream - class java.io.OutputStream

This abstract class is the superclass of all classes representing an output stream of bytes.

OutputStream - class org.omg.CORBA.portable.OutputStream

OutputStream is the Java API for writing IDL types to CDR marshal streams.

OutputStream - class org.omg.CORBA\_2\_3.portable.OutputStream

OutputStream provides interface for writing of all of the mapped IDL type to the stream.

OutputStream() - Constructor for class java.io.OutputStream

OutputStream() - Constructor for class org.omg.CORBA.portable.OutputStream

OutputStream() - Constructor for class org.omg.CORBA\_2\_3.portable.OutputStream

OutputStreamWriter - class java.io.OutputStreamWriter.

An OutputStreamWriter is a bridge from character streams to byte streams: Characters written to it are translated into bytes according to a specified character encoding.

OutputStreamWriter(OutputStream) - Constructor for class java.io.OutputStreamWriter

Create an OutputStreamWriter that uses the default character encoding.

[OutputStreamWriter\(OutputStream, String\)](#) - Constructor for class `java.io.OutputStreamWriter`

Create an OutputStreamWriter that uses the named character encoding.

[outsideBorder](#) - Variable in class `javax.swing.border.CompoundBorder`

[OVER](#) - Static variable in class `java.awt.dnd.DragSourceContext`

An `int` used by `updateCurrentCursor()` indicating that the Cursor is over a DropTarget.

[OverlayLayout](#) - class `javax.swing.OverlayLayout`.

A layout manager to arrange components over the top of each other.

[OverlayLayout\(Container\)](#) - Constructor for class `javax.swing.OverlayLayout`

Constructs a layout manager that performs overlay arrangement of the children.

[ownDeletesAreVisible\(int\)](#) - Method in interface `java.sql.DatabaseMetaData`

Indicates whether a result set's own deletes are visible.

[owner](#) - Variable in class `java.awt.datatransfer.Clipboard`

[Owner](#) - interface `java.security.acl.Owner`.

Interface for managing owners of Access Control Lists (ACLs) or ACL configurations.

[ownInsertsAreVisible\(int\)](#) - Method in interface `java.sql.DatabaseMetaData`

Indicates whether a result set's own inserts are visible.

[ownUpdatesAreVisible\(int\)](#) - Method in interface `java.sql.DatabaseMetaData`

Indicates whether a result set's own updates are visible.

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For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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## G

[GapContent](#) - class javax.swing.text.[GapContent](#).

An implementation of the AbstractDocument.Content interface implemented using a gapped buffer similar to that used by emacs.

[GapContent\(\)](#) - Constructor for class javax.swing.text.[GapContent](#)

Creates a new GapContent object.

[GapContent\(int\)](#) - Constructor for class javax.swing.text.[GapContent](#)

Creates a new GapContent object, with the initial size specified.

[gc\(\)](#) - Static method in class java.lang.[System](#)

Runs the garbage collector.

[gc\(\)](#) - Method in class java.lang.[Runtime](#)

Runs the garbage collector.

[gcd\(BigInteger\)](#) - Method in class java.math.[BigInteger](#)

Returns a BigInteger whose value is the greatest common divisor of abs(this) and abs(val).

[GENERAL](#) - Static variable in interface javax.swing.text.html.parser.[DTDConstants](#)

[GENERAL\\_PUNCTUATION](#) - Static variable in class java.lang.[Character.UnicodeBlock](#)

Constant for the Unicode character block of the same name.

[GeneralPath](#) - class java.awt.geom.[GeneralPath](#).

The GeneralPath class represents a geometric path constructed from straight lines, and quadratic and cubic (Bézier) curves.

[GeneralPath\(\)](#) - Constructor for class java.awt.geom.[GeneralPath](#)

Constructs a new GeneralPath object.

[GeneralPath\(int\)](#) - Constructor for class java.awt.geom.[GeneralPath](#)

Constructs a new GeneralPath object with the specified winding rule to control operations that require the interior of the path to be defined.

[GeneralPath\(int, int\)](#) - Constructor for class java.awt.geom.[GeneralPath](#)

Constructs a new GeneralPath object with the specified winding rule and the specified initial capacity to store path coordinates.

[GeneralPath\(Shape\)](#) - Constructor for class java.awt.geom.[GeneralPath](#)

Constructs a new GeneralPath object from an arbitrary [Shape](#) object.

[GeneralSecurityException](#) - exception java.security.[GeneralSecurityException](#).

This is the general security exception class, which serves to group all the exception classes of the java.security package that extend from it.

[GeneralSecurityException\(\)](#) - Constructor for class java.security.[GeneralSecurityException](#)

Constructs a GeneralSecurityException with no detail message.

[GeneralSecurityException\(String\)](#) - Constructor for class java.security.[GeneralSecurityException](#)

Constructs a GeneralSecurityException with the specified detail message.

[generateCertificate\(InputStream\)](#) - Method in class java.security.cert.[CertificateFactory](#)

Generates a certificate object and initializes it with the data read from the input stream [inStream](#).

generateCertificates(InputStream) - Method in class java.security.cert.CertificateFactory

Returns a (possibly empty) collection view of the certificates read from the given input stream inStream.

generateCRL(InputStream) - Method in class java.security.cert.CertificateFactory

Generates a certificate revocation list (CRL) object and initializes it with the data read from the input stream inStream.

generateCRLs(InputStream) - Method in class java.security.cert.CertificateFactory

Returns a (possibly empty) collection view of the CRLs read from the given input stream inStream.

generateKeyPair() - Method in class java.security.KeyPairGeneratorSpi

Generates a key pair.

generateKeyPair() - Method in class java.security.KeyPairGenerator

Generates a key pair.

generateParameters() - Method in class java.security.AlgorithmParameterGenerator

Generates the parameters.

generatePrivate(KeySpec) - Method in class java.security.KeyFactory

Generates a private key object from the provided key specification (key material).

generatePublic(KeySpec) - Method in class java.security.KeyFactory

Generates a public key object from the provided key specification (key material).

generateSeed(int) - Method in class java.security.SecureRandom

Returns the given number of seed bytes, computed using the seed generation algorithm that this class uses to seed itself.

genKeyPair() - Method in class java.security.KeyPairGenerator

Generates a key pair.

GEOMETRIC\_SHAPES - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

GEORGIAN - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

GERMAN - Static variable in class java.util.Locale

Useful constant for language.

GERMANY - Static variable in class java.util.Locale

Useful constant for country.

get\_any() - Method in interface org.omg.CORBA.DynAny

Retrieves the org.omg.CORBA.Any contained in this DynAny object.

get\_boolean() - Method in interface org.omg.CORBA.DynAny

Retrieves the boolean contained in this DynAny object.

get\_char() - Method in interface org.omg.CORBA.DynAny

Retrieves the char contained in this DynAny object.

get\_codebase(Object) - Method in class org.omg.CORBA\_2\_3.portable.Delegate

Returns the codebase for object reference provided.

get\_compact\_typecode() - Method in class org.omg.CORBA.TypeCode

Strips out all optional name and member name fields, but leaves all alias typecodes intact.

get\_current() - Method in class org.omg.CORBA.ORB

Deprecated. use resolve\_initial\_references.

get\_default\_context() - Method in class org.omg.CORBA.ORB

Gets the default Context object.

get\_domain\_managers(Object) - Method in class org.omg.CORBA.portable.Delegate

Retrieves the DomainManagers of this object.

get\_domain\_policy(int) - Method in interface org.omg.CORBA.DomainManagerOperations

This returns the policy of the specified type for objects in this domain.

get\_double() - Method in interface org.omg.CORBA.DynAny

Retrieves the double contained in this DynAny object.

get\_elements() - Method in interface org.omg.CORBA.DynArray

Returns the value of all the elements of this array.

get\_elements() - Method in interface org.omg.CORBA.DynSequence

Returns the value of every element in this sequence.

get\_float() - Method in interface org.omg.CORBA.DynAny

Retrieves the float contained in this DynAny object.

get\_id() - Method in class org.omg.CORBA.StringValueHelper

get\_id() - Method in class org.omg.CORBA.WStringValueHelper

get\_id() - Method in interface org.omg.CORBA.portable.BoxedValueHelper

get\_interface\_def(Object) - Method in class org.omg.CORBA.portable.Delegate

Return an InterfaceDef for the object reference provided.

get\_long() - Method in interface org.omg.CORBA.DynAny

Retrieves the int contained in this DynAny object.

get\_longlong() - Method in interface org.omg.CORBA.DynAny

Retrieves the long contained in this DynAny object.

get\_members() - Method in interface org.omg.CORBA.DynStruct

Returns an array containing all the members of the stored struct.

get\_members() - Method in interface org.omg.CORBA.DynValue

Returns an array containing all the members of the value object stored in this DynValue.

get\_next\_response() - Method in class org.omg.CORBA.ORB

Gets the next Request instance for which a response has been received.

get\_octet() - Method in interface org.omg.CORBA.DynAny

Retrieves the byte contained in this DynAny object.

get\_policy(Object, int) - Method in class org.omg.CORBA.portable.Delegate

Returns the Policy object of the specified type which applies to this object.

get\_primitive\_tc(TCKind) - Method in class org.omg.CORBA.ORB

Retrieves the TypeCode object that represents the given primitive IDL type.

get\_reference() - Method in interface org.omg.CORBA.DynAny

Retrieves the org.omg.CORBA.Other contained in this DynAny object.

get\_response() - Method in class org.omg.CORBA.Request

Allows the user to access the response for the invocation triggered earlier with the send\_deferred method.

get\_service\_information(short, ServiceInformationHolder) - Method in class org.omg.CORBA.ORB

See package comments regarding unimplemented features.

get\_short() - Method in interface org.omg.CORBA.DynAny

Retrieves the short contained in this DynAny object.

get\_string() - Method in interface org.omg.CORBA.DynAny

Retrieves the String contained in this DynAny object.

get\_typecode() - Method in interface org.omg.CORBA.DynAny

Retrieves the org.omg.CORBA.TypeCode contained in this DynAny object.

get\_ulong() - Method in interface org.omg.CORBA.DynAny

Retrieves the int contained in this DynAny object.

get\_ulonglong() - Method in interface org.omg.CORBA.DynAny

Retrieves the long contained in this DynAny object.

get\_ushort() - Method in interface org.omg.CORBA.DynAny

Retrieves the short contained in this DynAny object.

get\_val() - Method in interface org.omg.CORBA.DynAny

Retrieves the java.io.Serializable object contained in this DynAny object.

get\_value def(String) - Method in class org.omg.CORBA\_2\_3.ORB

get\_value() - Method in interface org.omg.CORBA.DynFixed

Returns the value of the fixed type represented in this DynFixed object.

get\_values(String, int, String) - Method in class org.omg.CORBA.Context

Retrieves the NamedValue objects whose name field matches the given name or name pattern.

get\_wchar() - Method in interface org.omg.CORBA.DynAny

Retrieves the char contained in this DynAny object.

get\_wstring() - Method in interface org.omg.CORBA.DynAny

Retrieves the String contained in this DynAny object.

get() - Method in class java.lang.ThreadLocal

Returns the value in the calling thread's copy of this ThreadLocal variable.

get() - Method in class java.lang.InheritableThreadLocal

Returns the value in the calling thread's copy of this ThreadLocal variable.

get() - Method in class java.lang.ref.Reference

Returns this reference object's referent.

get() - Method in class java.lang.ref.PhantomReference

Returns this reference object's referent.

get() - Method in class java.lang.ref.SoftReference

Returns this reference object's referent.

get() - Method in class java.rmi.MarshalledObject

Returns a new copy of the contained marshalledobject.

get() - Method in class javax.naming.directory.BasicAttribute

Retrieves one of this attribute's values.

get() - Method in interface javax.naming.directory.Attribute

Retrieves one of this attribute's values.

get(int) - Method in class java.util.BitSet

Returns the value of the bit with the specified index.

get(int) - Method in class java.util.AbstractList

Returns the element at the specified position in this list.

get(int) - Method in class java.util.Vector

Returns the element at the specified position in this Vector.

get(int) - Method in class java.util.AbstractSequentialList

Returns the element at the specified position in this list.

get(int) - Method in class java.util.Calendar

Gets the value for a given time field.

get(int) - Method in class java.util.LinkedList

Returns the element at the specified position in this list.

get(int) - Method in interface java.util.List

Returns the element at the specified position in this list.  
get(int) - Method in class `java.util.ArrayList`

Returns the element at the specified position in this list.  
get(int) - Method in class `javax.sound.midi.Track`

Obtains the event at the specified index.  
get(int) - Method in class `javax.naming.Reference`

Retrieves the address at index posn.  
get(int) - Method in interface `javax.naming.Name`

Retrieves a component of this name.  
get(int) - Method in class `javax.naming.CompoundName`

Retrieves a component of this compound name.  
get(int) - Method in class `javax.naming.CompositeName`

Retrieves a component of this composite name.  
get(int) - Method in class `javax.naming.directory.BasicAttribute`

get(int) - Method in interface `javax.naming.directory.Attribute`  
Retrieves the attribute value from the ordered list of attribute values.

get(int) - Method in class `javax.swing.DefaultListModel`  
Returns the element at the specified position in this list.

get(KeyStroke) - Method in class `javax.swing.InputMap`  
Returns the binding for keyStroke, messaging the parent `InputMap` if the binding is not locally defined.

get(Object) - Method in class `java.awt.RenderingHints`  
Returns the value to which the specified key is mapped.

get(Object) - Method in class `java.lang.reflect.Field`  
Returns the value of the field represented by this `Field`, on the specified object.

get(Object) - Method in class `java.util.Dictionary`  
Returns the value to which the key is mapped in this dictionary.

get(Object) - Method in class `java.util.Hashtable`  
Returns the value to which the specified key is mapped in this hashtable.

get(Object) - Method in class `java.util.AbstractMap`  
Returns the value to which this map maps the specified key.

get(Object) - Method in class `java.util.WeakHashMap`  
Returns the value to which this map maps the specified key.

get(Object) - Method in class `java.util.TreeMap`  
Returns the value to which this map maps the specified key.

get(Object) - Method in class `java.util.HashMap`  
Returns the value to which this map maps the specified key.

get(Object) - Method in interface `java.util.Map`  
Returns the value to which this map maps the specified key.

get(Object) - Method in class `java.util.jar.Attributes`  
Returns the value of the specified attribute name, or null if the attribute name was not found.

get(Object) - Method in class `javax.swing.ActionMap`  
Returns the binding for key, messaging the parent `ActionMap` if the binding is not locally defined.

get(Object) - Method in class `javax.swing.UIDefaults`  
Returns the value for key.

get(Object) - Static method in class `javax.swing.UIManager`  
Returns an object from the defaults table.

get(Object, int) - Static method in class `java.lang.reflect.Array`

Returns the value of the indexed component in the specified array object.

get(String) - Method in class `javax.accessibility.AccessibleRelationSet`

Returns the relation that matches the specified key.

get(String) - Method in class `javax.naming.Reference`

Retrieves the first address that has the address type 'addrType'.

get(String) - Method in interface `javax.naming.directory.Attributes`

Retrieves the attribute with the given attribute id from the attribute set.

get(String) - Method in class `javax.naming.directory.BasicAttributes`

get(String, boolean) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named boolean field from the persistent field.

get(String, byte) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named byte field from the persistent fields.

get(String, char) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named char field from the persistent fields.

get(String, double) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named double field from the persistent field.

get(String, float) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named float field from the persistent fields.

get(String, int) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named int field from the persistent fields.

get(String, long) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named long field from the persistent fields.

get(String, Object) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named Object field from the persistent field.

get(String, short) - Method in class `java.io.ObjectInputStream.GetField`

Get the value of the named short field from the persistent fields.

get2DigitYearStart() - Method in class `java.text.SimpleDateFormat`

Returns the beginning date of the 100-year period 2-digit years are interpreted as being within.

getAbsoluteFile() - Method in class `java.io.File`

Returns the absolute form of this abstract pathname.

getAbsolutePath() - Method in class `java.io.File`

Returns the absolute pathname string of this abstract pathname.

getAccelerator() - Method in class `javax.swing.JMenuItem`

Returns the KeyStroke which serves as an accelerator for the menu item.

getAcceleratorForeground() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getAcceleratorForeground() - Method in class `javax.swing.plaf.metal.MetalTheme`

getAcceleratorSelectedForeground() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getAcceleratorSelectedForeground() - Method in class `javax.swing.plaf.metal.MetalTheme`

getAcceleratorString() - Method in class `javax.swing.plaf.metal.MetalToolTipUI`

getAcceptAllFileFilter() - Method in class `javax.swing.JFileChooser`

Returns the `AcceptAll` file filter.

[getAcceptAllFileFilter\(JFileChooser\)](#) - Method in class `javax.swing.plaf.FileChooserUI`

[getAcceptAllFileFilter\(JFileChooser\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI`

Returns the default accept all file filter

[getAcceptAllFileFilter\(JFileChooser\)](#) - Method in class `javax.swing.plaf.multi.MultiFileChooserUI`

Call `getAcceptAllFileFilter` on each UI handled by this MultiUI.

[getAccessibleAction\(\)](#) - Method in class `java.awt.MenuItem.AccessibleAWTMenuItem`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `java.awt.Checkbox.AccessibleAWTCheckbox`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `java.awt.Choice.AccessibleAWTChoice`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `java.awt.Button.AccessibleAWTButton`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `javax.accessibility.AccessibleContext`

Gets the AccessibleAction associated with this object that supports one or more actions.

[getAccessibleAction\(\)](#) - Method in class `javax.swing.AbstractButton.AccessibleAbstractButton`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `javax.swing.JComboBox.AccessibleJComboBox`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `javax.swing.JList.AccessibleJList.AccessibleJListChild`

[getAccessibleAction\(\)](#) - Method in class `javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode`

Get the AccessibleAction associated with this object.

[getAccessibleAction\(\)](#) - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`

Gets the AccessibleAction associated with this object if one exists.

[getAccessibleAction\(\)](#) - Method in class

`javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry`

[getAccessibleActionAnchor\(int\)](#) - Method in class `javax.accessibility.AccessibleHyperlink`

Returns an object that represents the link anchor, as appropriate for that link.

[getAccessibleActionAnchor\(int\)](#) - Method in class

`javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink`

Return an object that represents the link anchor, as appropriate for that link.

[getAccessibleActionCount\(\)](#) - Method in class `java.awt.MenuItem.AccessibleAWTMenuItem`

Returns the number of Actions available in this object.

[getAccessibleActionCount\(\)](#) - Method in class `java.awt.Checkbox.AccessibleAWTCheckbox`

Returns the number of Actions available in this object.

[getAccessibleActionCount\(\)](#) - Method in class `java.awt.Choice.AccessibleAWTChoice`

Returns the number of accessible actions available in this object If there are more than one, the first one is considered the "default" action of the object.

[getAccessibleActionCount\(\)](#) - Method in class `java.awt.Button.AccessibleAWTButton`

Returns the number of Actions available in this object.

[getAccessibleActionCount\(\)](#) - Method in class

java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem

Returns the number of Actions available in this object.

getAccessibleActionCount() - Method in class javax.accessibility.AccessibleHyperlink

Returns the number of accessible actions available in this Link If there are more than one, the first one is NOT considered the "default" action of this LINK object (e.g.

getAccessibleActionCount() - Method in interface javax.accessibility.AccessibleAction

Returns the number of accessible actions available in this object If there are more than one, the first one is considered the "default" action of the object.

getAccessibleActionCount() - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

Returns the number of Actions available in this object.

getAccessibleActionCount() - Method in class

javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink

Returns the number of accessible actions available in this Link If there are more than one, the first one is NOT considered the "default" action of this LINK object (e.g.

getAccessibleActionCount() - Method in class javax.swing.JComboBox.AccessibleJComboBox

Returns the number of Actions available in this object.

getAccessibleActionCount() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

Returns the number of accessible actions available in this tree node.

getAccessibleActionDescription(int) - Method in class java.awt.MenuItem.AccessibleAWTMenuItem

Return a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class java.awt.Checkbox.AccessibleAWTCheckbox

Return a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class java.awt.Choice.AccessibleAWTChoice

Returns a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class java.awt.Button.AccessibleAWTButton

Return a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class

java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem

Return a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class javax.accessibility.AccessibleHyperlink

Returns a String description of this particular link action.

getAccessibleActionDescription(int) - Method in interface javax.accessibility.AccessibleAction

Returns a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

Return a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class

javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink

Return a String description of this particular link action.

getAccessibleActionDescription(int) - Method in class javax.swing.JComboBox.AccessibleJComboBox

Return a description of the specified action of the object.

getAccessibleActionDescription(int) - Method in class

javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

Return a description of the specified action of the tree node.

getAccessibleActionObject(int) - Method in class javax.accessibility.AccessibleHyperlink

Returns an object that represents the link action, as appropriate for that link.

getAccessibleActionObject(int) - Method in class

javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink

Returns a URL object that represents the link.

getAccessibleAt(Component, Point) - Static method in class javax.swing.SwingUtilities

Returns the Accessible child contained at the local coordinate Point, if one exists.

getAccessibleAt(int, int) - Method in interface javax.accessibility.AccessibleTable

Returns the Accessible at a specified row and column in the table.

getAccessibleAt(int, int) - Method in class javax.swing.JTable.AccessibleJTable

getAccessibleAt(Point) - Method in class java.awt.Component.AccessibleAWTComponent

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class java.awt.Container.AccessibleAWTContainer

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class java.awt.List.AccessibleAWTList

Returns the Accessible child contained at the local coordinate Point, if one exists.

getAccessibleAt(Point) - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in interface javax.accessibility.AccessibleComponent

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class javax.swing.JTabbedPane.AccessibleJTabbedPane

getAccessibleAt(Point) - Method in class javax.swing.JList.AccessibleJList

Returns the Accessible child contained at the local coordinate Point, if one exists.

getAccessibleAt(Point) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getAccessibleAt(Point) - Method in class javax.swing.JTree.AccessibleJTree

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

getAccessibleAt(Point) - Method in class javax.swing.JTable.AccessibleJTable

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

getAccessibleAt(Point) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader

Returns the Accessible child, if one exists, contained at the local coordinate Point.

getAccessibleAt(Point) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getAccessibleCaption() - Method in interface javax.accessibility.AccessibleTable

Returns the caption for the table.

getAccessibleCaption() - Method in class javax.swing.JTable.AccessibleJTable

Returns the caption for the table.

getAccessibleChild(Component, int) - Static method in class javax.swing.SwingUtilities

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class java.awt.Component.AccessibleAWTComponent

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class java.awt.Container.AccessibleAWTContainer

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [java.awt.MenuComponent.AccessibleAWTMenuComponent](#)

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [java.awt.List.AccessibleAWTList](#)

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [java.awt.List.AccessibleAWTList.AccessibleAWTListChild](#)

Return the specified Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.accessibility.AccessibleContext](#)

Returns the specified Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JComponent.AccessibleJComponent](#)

Returns the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JTabbedPane.AccessibleJTabbedPane](#)

Return the specified Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JMenu.AccessibleJMenu](#)

Returns the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JComboBox.AccessibleJComboBox](#)

Returns the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JList.AccessibleJList](#)

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JList.AccessibleJList.AccessibleJListChild](#)

getAccessibleChild(int) - Method in class [javax.swing.JTree.AccessibleJTree](#)

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode](#)

Return the specified Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JTable.AccessibleJTable](#)

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.JTable.AccessibleJTable.AccessibleJTableCell](#)

Return the specified Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.ImageIcon.AccessibleImageIcon](#)

Returns the nth Accessible child of the object.

getAccessibleChild(int) - Method in class [javax.swing.table.JTableHeader.AccessibleJTableHeader](#)

Return the nth Accessible child of the object.

getAccessibleChild(int) - Method in class  
[javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](#)

getAccessibleChild(JComponent, int) - Method in class [javax.swing.plaf.ComponentUI](#)

Return the nth Accessible child of the object.

getAccessibleChild(JComponent, int) - Method in class [javax.swing.plaf.basic.BasicComboBoxUI](#)

getAccessibleChild(JComponent, int) - Method in class [javax.swing.plaf.multi.MultiListUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

getAccessibleChild(JComponent, int) - Method in class [javax.swing.plaf.multi.MultiSeparatorUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

getAccessibleChild(JComponent, int) - Method in class [javax.swing.plaf.multi.MultiLabelUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

getAccessibleChild(JComponent, int) - Method in class [javax.swing.plaf.multi.MultiPopupMenuUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiPanelUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollBarUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiTextUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiComboBoxUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiTableHeaderUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiFileChooserUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiColorChooserUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiTreeUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiViewportUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiTabbedPaneUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiProgressBarUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollPaneUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiOptionPaneUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiSplitPaneUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiButtonUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiToolBarUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiSliderUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopPaneUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiTableUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopIconUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuItemUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiInternalFrameUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiToolTipUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChild\(JComponent, int\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuBarUI](#)

Call getAccessibleChild on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(\)](#) - Method in class java.awt.Component.AccessibleAWTComponent

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class java.awt.Container.AccessibleAWTContainer

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class java.awt.List.AccessibleAWTList

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild

Returns the number of accessible children of the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.accessibility.AccessibleContext

Returns the number of accessible children of the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JComponent.AccessibleJComponent

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JTabbedPane.AccessibleJTabbedPane

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JMenu.AccessibleJMenu

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JComboBox.AccessibleJComboBox

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JList.AccessibleJList

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree

Returns the number of top-level children nodes of this JTree.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.JTable.AccessibleJTableCell.AccessibleJTableCell

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.ImageIcon.AccessibleImageIcon

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(\)](#) - Method in class

javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

[getAccessibleChildrenCount\(Component\)](#) - Static method in class javax.swing.SwingUtilities

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.ComponentUI

Returns the number of accessible children in the object.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiListUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSeparatorUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiLabelUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiPopupMenuUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiPanelUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollBarUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTextUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiComboBoxUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTableHeaderUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiFileChooserUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiColorChooserUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTreeUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiViewportUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTabbedPaneUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiProgressBarUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollPaneUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiOptionPaneUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSplitPaneUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiButtonUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiToolBarUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSliderUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopPaneUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTableUI](#)  
Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopIconUI](#)

Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuItemUI](#)

Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiInternalFrameUI](#)

Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiToolTipUI](#)

Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleChildrenCount\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuBarUI](#)

Call getAccessibleChildrenCount on each UI handled by this MultiUI.

[getAccessibleColumnAtIndex\(int\)](#) - Method in class javax.swing.JTable.AccessibleJTable

[getAccessibleColumnCount\(\)](#) - Method in interface javax.accessibility.AccessibleTable

Returns the number of columns in the table.

[getAccessibleColumnCount\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable

[getAccessibleColumnDescription\(int\)](#) - Method in interface javax.accessibility.AccessibleTable

Returns the description text of the specified column in the table.

[getAccessibleColumnDescription\(int\)](#) - Method in class javax.swing.JTable.AccessibleJTable

Return the description of the specified column in the table.

[getAccessibleColumnExtentAt\(int, int\)](#) - Method in interface javax.accessibility.AccessibleTable

Returns the number of columns occupied by the Accessible at a specified row and column in the table.

[getAccessibleColumnExtentAt\(int, int\)](#) - Method in class javax.swing.JTable.AccessibleJTable

Returns the number of columns occupied by the Accessible at a given (row, column)

[getAccessibleColumnHeader\(\)](#) - Method in interface javax.accessibility.AccessibleTable

Returns the column headers as an AccessibleTable.

[getAccessibleColumnHeader\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable

Return the column headers as an AccessibleTable.

[getAccessibleComponent\(\)](#) - Method in class java.awt.Component.AccessibleAWTComponent

Get the AccessibleComponent associated with this object if one exists.

[getAccessibleComponent\(\)](#) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Get the AccessibleComponent associated with this object if one exists.

[getAccessibleComponent\(\)](#) - Method in class javax.accessibility.AccessibleContext

Gets the AccessibleComponent associated with this object that has a graphical representation.

[getAccessibleComponent\(\)](#) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

Get the AccessibleComponent associated with this object.

[getAccessibleComponent\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

Get the AccessibleComponent associated with this object.

[getAccessibleComponent\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

Gets the AccessibleComponent associated with this object if one exists.

[getAccessibleComponent\(\)](#) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

Get the AccessibleComponent associated with this object.

[getAccessibleContext\(\)](#) - Method in class java.applet.Applet

Gets the AccessibleContext associated with this Applet.

[getAccessibleContext\(\)](#) - Method in class java.awt.Component

Get the AccessibleContext associated with this Component

[getAccessibleContext\(\)](#) - Method in class java.awt.Panel

Gets the AccessibleContext associated with this Panel.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.ScrollPane`  
    Gets the AccessibleContext associated with this ScrollPane.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Scrollbar`  
    Gets the AccessibleContext associated with this Scrollbar.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Canvas`  
    Gets the AccessibleContext associated with this Canvas.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.MenuComponent`  
    Get the AccessibleContext associated with this MenuComponent  
[getAccessibleContext\(\)](#) - Method in class `java.awt.MenuItem`  
    Gets the AccessibleContext associated with this MenuItem.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Menu`  
    Gets the AccessibleContext associated with this Menu.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Checkbox`  
    Gets the AccessibleContext associated with this Checkbox.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Window`  
    Gets the AccessibleContext associated with this Window.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Dialog`  
    Gets the AccessibleContext associated with this Dialog.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.MenuBar`  
    Gets the AccessibleContext associated with this MenuBar.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.List`  
    Gets the AccessibleContext associated with this List.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.List.AccessibleAWTList.AccessibleAWTListChild`  
    Gets the AccessibleContext for this object.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.TextComponent`  
    Gets the AccessibleContext associated with this TextComponent.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.PopupMenu`  
    Gets the AccessibleContext associated with this PopupMenu.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Choice`  
    Gets the AccessibleContext associated with this Choice.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Frame`  
    Gets the AccessibleContext associated with this Frame.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Label`  
    Gets the AccessibleContext associated with this Label.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.TextField`  
    Gets the AccessibleContext associated with this TextField.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.Button`  
    Gets the AccessibleContext associated with this Button.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.CheckboxMenuItem`  
    Gets the AccessibleContext associated with this CheckboxMenuItem.  
[getAccessibleContext\(\)](#) - Method in class `java.awt.TextArea`  
    Gets the AccessibleContext associated with this TextArea.  
[getAccessibleContext\(\)](#) - Method in interface `javax.accessibility.Accessible`  
    Returns the AccessibleContext associated with this object.  
[getAccessibleContext\(\)](#) - Method in class `javax.swing.JComponent`  
    Gets the AccessibleContext associated with this JComponent.

getAccessibleContext() - Method in class javax.swing.JEditorPane  
    Gets the AccessibleContext associated with this JEditorPane.

getAccessibleContext() - Method in class javax.swing.JViewport  
    Gets the AccessibleContext associated with this JViewport.

getAccessibleContext() - Method in class javax.swing.JTabbedPane  
    Gets the AccessibleContext associated with this JTabbedPane.

getAccessibleContext() - Method in class javax.swing.JMenuItem  
    Gets the AccessibleContext associated with this JMenuItem.

getAccessibleContext() - Method in class javax.swing.JCheckBoxMenuItem  
    Gets the AccessibleContext associated with this JCheckBoxMenuItem.

getAccessibleContext() - Method in class javax.swing.JLayeredPane  
    Gets the AccessibleContext associated with this JLayeredPane.

getAccessibleContext() - Method in class javax.swing.JToggleButton  
    Gets the AccessibleContext associated with this JToggleButton.

getAccessibleContext() - Method in class javax.swing.JCheckBox  
    Gets the AccessibleContext associated with this JCheckBox.

getAccessibleContext() - Method in class javax.swing.JTextField  
    Gets the AccessibleContext associated with this JTextField.

getAccessibleContext() - Method in class javax.swing.JPasswordField  
    Gets the AccessibleContext associated with this JPasswordField.

getAccessibleContext() - Method in class javax.swing.JOptionPane  
    Gets the AccessibleContext associated with this JOptionPane.

getAccessibleContext() - Method in class javax.swing.JMenu  
    Gets the AccessibleContext associated with this JMenu.

getAccessibleContext() - Method in class javax.swing.JColorChooser  
    Gets the AccessibleContext associated with this JColorChooser.

getAccessibleContext() - Method in class javax.swing.JButton  
    Gets the AccessibleContext associated with this JButton.

getAccessibleContext() - Method in class javax.swing.JPopupMenu  
    Gets the AccessibleContext associated with this JPopupMenu.

getAccessibleContext() - Method in class javax.swing.JSeparator  
    Gets the AccessibleContext associated with this JSeparator.

getAccessibleContext() - Method in class javax.swing.JWindow  
    Gets the AccessibleContext associated with this JWindow.

getAccessibleContext() - Method in class javax.swing.JApplet  
    Gets the AccessibleContext associated with this JApplet.

getAccessibleContext() - Method in class javax.swing.JComboBox  
    Gets the AccessibleContext associated with this JComboBox.

getAccessibleContext() - Method in class javax.swing.JList  
    Gets the AccessibleContext associated with this JList.

getAccessibleContext() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild  
    Get the AccessibleContext for this object.

getAccessibleContext() - Method in class javax.swing.JToolTip  
    Gets the AccessibleContext associated with this JToolTip.

getAccessibleContext() - Method in class javax.swing.CellRendererPane  
    Gets the AccessibleContext associated with this CellRendererPane.

getAccessibleContext() - Method in class javax.swing.JInternalFrame

Gets the AccessibleContext associated with this JInternalFrame.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JInternalFrame.JDesktopIcon  
    Gets the AccessibleContext associated with this JDesktopIcon.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JPanel  
    Gets the AccessibleContext associated with this JPanel.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JFrame  
    Gets the AccessibleContext associated with this JFrame.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JSplitPane  
    Gets the AccessibleContext associated with this JSplitPane.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JTree  
    Gets the AccessibleContext associated with this JTree.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode  
    Get the AccessibleContext associated with this tree node.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JTable  
    Gets the AccessibleContext associated with this JTable.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell  
    Gets the AccessibleContext associated with this component.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JLabel  
    Get the AccessibleContext of this object  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JFileChooser  
    Gets the AccessibleContext associated with this JFileChooser.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JDesktopPane  
    Gets the AccessibleContext associated with this JDesktopPane.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JRadioButton  
    Gets the AccessibleContext associated with this JRadioButton.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JToolBar  
    Gets the AccessibleContext associated with this JToolBar.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JMenuBar  
    Gets the AccessibleContext associated with this JMenuBar.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.ImageIcon  
    Gets the AccessibleContext associated with this ImageIcon.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JRadioButtonMenuItem  
    Gets the AccessibleContext associated with this JRadioButtonMenuItem.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JTextArea  
    Gets the AccessibleContext associated with this JTextArea.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.Box  
    Gets the AccessibleContext associated with this Box.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.Box.Filler  
    Gets the AccessibleContext associated with this Box.Filler.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JScrollPane  
    Gets the AccessibleContext associated with this JScrollPane.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JScrollBar  
    Gets the AccessibleContext associated with this JScrollBar.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JProgressBar  
    Gets the AccessibleContext associated with this JProgressBar.  
[getAccessibleContext\(\)](#) - Method in class javax.swing.JRootPane  
    Gets the AccessibleContext associated with this JRootPane.

getAccessibleContext() - Method in class javax.swing.JDialog

    Gets the AccessibleContext associated with this JDialog.

getAccessibleContext() - Method in class javax.swing.JSlider

    Gets the AccessibleContext associated with this JSlider.

getAccessibleContext() - Method in class javax.swing.table.JTableHeader

    Gets the AccessibleContext associated with this JTableHeader.

getAccessibleContext() - Method in class

    javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

    Get the AccessibleContext associated with this object.

getAccessibleContext() - Method in class javax.swing.text.JTextComponent

    Gets the AccessibleContext associated with this JTextComponent.

getAccessibleDescription() - Method in class java.awt.Component.AccessibleAWTComponent

    Get the accessible description of this object.

getAccessibleDescription() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

    Get the accessible description of this object.

getAccessibleDescription() - Method in class javax.accessibility.AccessibleContext

    Gets the accessibleDescription property of this object.

getAccessibleDescription() - Method in class javax.swing.JComponent.AccessibleJComponent

    Gets the accessible description of this object.

getAccessibleDescription() - Method in class javax.swing.JEditorPane.AccessibleJEditorPane

    Gets the accessibleDescription property of this object.

getAccessibleDescription() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getAccessibleDescription() - Method in class javax.swing.JToolTip.AccessibleJToolTip

    Get the accessible description of this object.

getAccessibleDescription() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

    Get the accessible description of this object.

getAccessibleDescription() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

    Gets the accessible description of this object.

getAccessibleDescription() - Method in class

    javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getAccessibleIcon() - Method in class javax.accessibility.AccessibleContext

    Gets the AccessibleIcons associated with an object that has one or more associated icons

getAccessibleIcon() - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

    Get the AccessibleIcons associated with this object if one or more exist.

getAccessibleIcon() - Method in class javax.swing.JLabel.AccessibleJLabel

    Get the AccessibleIcons associated with this object if one or more exist.

getAccessibleIconDescription() - Method in interface javax.accessibility.AccessibleIcon

    Gets the description of the icon.

getAccessibleIconDescription() - Method in class javax.swing.ImageIcon.AccessibleImageIcon

    Gets the description of the icon.

getAccessibleIconHeight() - Method in interface javax.accessibility.AccessibleIcon

    Gets the height of the icon

getAccessibleIconHeight() - Method in class javax.swing.ImageIcon.AccessibleImageIcon

    Gets the height of the icon.

getAccessibleIconWidth() - Method in interface javax.accessibility.AccessibleIcon

Gets the width of the icon  
[getAccessibleIconWidth\(\)](#) - Method in class javax.swing.ImageIcon.AccessibleImageIcon  
    Gets the width of the icon.

[getAccessibleIndexAt\(int, int\)](#) - Method in class javax.swing.JTable.AccessibleJTable  
    Returns the index at a given (row, column) in the table

[getAccessibleIndexInParent\(\)](#) - Method in class java.awt.Component.AccessibleAWTComponent  
    Get the index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
    Get the index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild  
    Get the 0-based index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class javax.accessibility.AccessibleContext  
    Gets the 0-based index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

[getAccessibleIndexInParent\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree  
    Get the index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode  
    Get the index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell  
    Gets the index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class javax.swing.ImageIcon.AccessibleImageIcon  
    Gets the index of this object in its accessible parent.

[getAccessibleIndexInParent\(\)](#) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

[getAccessibleIndexInParent\(Component\)](#) - Static method in class javax.swing.SwingUtilities  
    Get the index of this object in its accessible parent.

[getAccessibleName\(\)](#) - Method in class java.awt.Component.AccessibleAWTComponent  
    Get the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
    Get the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class java.awt.MenuItem.AccessibleAWTMenuItem  
    Get the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class java.awt.Label.AccessibleAWTLabel  
    Get the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class java.awt.Button.AccessibleAWTButton  
    Get the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class javax.accessibility.AccessibleContext  
    Gets the accessibleName property of this object.

[getAccessibleName\(\)](#) - Method in class javax.swing.JComponent.AccessibleJComponent  
    Gets the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton  
    Returns the accessible name of this object.

[getAccessibleName\(\)](#) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

[getAccessibleName\(\)](#) - Method in class javax.swing.JInternalFrame.AccessibleJInternalFrame

Get the accessible name of this object.  
[getAccessibleName\(\)](#) - Method in class [javax.swing.JFrame.AccessibleJFrame](#)  
Get the accessible name of this object.  
[getAccessibleName\(\)](#) - Method in class [javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode](#)  
Get the accessible name of this object.  
[getAccessibleName\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable.AccessibleJTableCell](#)  
Gets the accessible name of this object.  
[getAccessibleName\(\)](#) - Method in class [javax.swing.JLabel.AccessibleJLabel](#)  
Get the accessible name of this object.  
[getAccessibleName\(\)](#) - Method in class [javax.swing.JDialog.AccessibleJDialog](#)  
Get the accessible name of this object.  
[getAccessibleName\(\)](#) - Method in class [javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](#)  
  
[getAccessibleParent\(\)](#) - Method in class [java.awt.Component.AccessibleAWTComponent](#)  
Get the Accessible parent of this object.  
[getAccessibleParent\(\)](#) - Method in class [java.awt.MenuComponent.AccessibleAWTMenuComponent](#)  
Get the Accessible parent of this object.  
[getAccessibleParent\(\)](#) - Method in class [javax.accessibility.AccessibleContext](#)  
Gets the Accessible parent of this object.  
[getAccessibleParent\(\)](#) - Method in class [javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode](#)  
Get the Accessible parent of this object.  
[getAccessibleParent\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable.AccessibleJTableCell](#)  
Gets the Accessible parent of this object.  
[getAccessibleParent\(\)](#) - Method in class [javax.swing.ImageIcon.AccessibleImageIcon](#)  
Gets the Accessible parent of this object.  
[getAccessibleRelationSet\(\)](#) - Method in class [javax.accessibility.AccessibleContext](#)  
Gets the AccessibleRelationSet associated with an object  
[getAccessibleRelationSet\(\)](#) - Method in class [javax.swing.AbstractButton.AccessibleAbstractButton](#)  
Get the AccessibleRelationSet associated with this object if one exists.  
[getAccessibleRelationSet\(\)](#) - Method in class [javax.swing.JLabel.AccessibleJLabel](#)  
Get the AccessibleRelationSet associated with this object if one exists.  
[getAccessibleRole\(\)](#) - Method in class [java.applet.Applet.AccessibleApplet](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.Component.AccessibleAWTComponent](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.Panel.AccessibleAWTPanel](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.ScrollPane.AccessibleAWTScrollPane](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.Scrollbar.AccessibleAWTScrollBar](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.Canvas.AccessibleAWTCanvas](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.MenuComponent.AccessibleAWTMenuComponent](#)  
Get the role of this object.  
[getAccessibleRole\(\)](#) - Method in class [java.awt.MenuItem.AccessibleAWTMenuItem](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Menu.AccessibleAWTMenu`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Checkbox.AccessibleAWTCheckbox`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.MenuBar.AccessibleAWTMenuBar`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.List.AccessibleAWTList`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.List.AccessibleAWTList.AccessibleAWTListChild`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.TextComponent.AccessibleAWTTextComponent`  
Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.PopupMenu.AccessibleAWTPopupMenu`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Window.AccessibleAWTWindow`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Dialog.AccessibleAWTDialog`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Choice.AccessibleAWTChoice`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Frame.AccessibleAWTFrame`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Label.AccessibleAWTLabel`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.Button.AccessibleAWTButton`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.accessibility.AccessibleContext`  
Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JComponent.AccessibleJComponent`  
Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JViewport.AccessibleJViewport`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JTabbedPane.AccessibleJTabbedPane`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JMenuItem.AccessibleJMenuItem`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JLayeredPane.AccessibleJLayeredPane`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JToggleButton.AccessibleJToggleButton`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class `javax.swing.JCheckBox.AccessibleJCheckBox`  
Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JPasswordField.AccessibleJPasswordField

    Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JOptionPane.Accessible JOptionPane

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JMenu.AccessibleJMenu

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JColorChooser.AccessibleJColorChooser

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JButton.Accessible JButton

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JPopupMenu.AccessibleJPopupMenu

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JComboBox.AccessibleJComboBox

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JList.AccessibleJList

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

[getAccessibleRole\(\)](#) - Method in class javax.swing.JToolTip.AccessibleJToolTip

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JSeparator.AccessibleJSeparator

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.CellRendererPane.AccessibleCellRendererPane

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JInternalFrame.AccessibleJInternalFrame

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JPanel.Accessible JPanel

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JSplitPane.AccessibleJSplitPane

    Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable

    Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

    Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JFileChooser.AccessibleJFileChooser

    Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JDesktopPane.AccessibleJDesktopPane

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JRadioButton.AccessibleJRadioButton

    Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class javax.swing.JLabel.Accessible JLabel

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JToolBar.AccessibleJToolBar](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JMenuBar.AccessibleJMenuBar](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.ImageIcon.AccessibleImageIcon](#)

Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.Box.Filler.AccessibleBoxFiller](#)

Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.Box.AccessibleBox](#)

Gets the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JScrollPane.Accessible JScrollPane](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JScrollBar.AccessibleJScrollBar](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JProgressBar.AccessibleJProgressBar](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JRootPane.AccessibleJRootPane](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.JSlider.AccessibleJSlider](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.table.JTableHeader.AccessibleJTableHeader](#)

Get the role of this object.

[getAccessibleRole\(\)](#) - Method in class [javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](#)

[getAccessibleRole\(\)](#) - Method in class [javax.swing.text.JTextField.Accessible JTextField](#)

Gets the role of this object.

[getAccessibleRowIndex\(int\)](#) - Method in class [javax.swing.JTable.AccessibleJTable](#)

[getAccessibleRowCount\(\)](#) - Method in interface [javax.accessibility.AccessibleTable](#)

Returns the number of rows in the table.

[getAccessibleRowCount\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable](#)

[getAccessibleRowDescription\(int\)](#) - Method in interface [javax.accessibility.AccessibleTable](#)

Returns the description of the specified row in the table.

[getAccessibleRowDescription\(int\)](#) - Method in class [javax.swing.JTable.AccessibleJTable](#)

Return the description of the specified row in the table.

[getAccessibleRowExtentAt\(int, int\)](#) - Method in interface [javax.accessibility.AccessibleTable](#)

Returns the number of rows occupied by the Accessible at a specified row and column in the table.

[getAccessibleRowExtentAt\(int, int\)](#) - Method in class [javax.swing.JTable.AccessibleJTable](#)

Returns the number of rows occupied by the Accessible at a specified row and column in the table.

[getAccessibleRowHeader\(\)](#) - Method in interface [javax.accessibility.AccessibleTable](#)

Returns the row headers as an AccessibleTable.

[getAccessibleRowHeader\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable](#)

Return the row headers as an AccessibleTable.

[getAccessibleSelection\(\)](#) - Method in class [java.awt.MenuComponent.AccessibleAWTMenuComponent](#)

Get the AccessibleSelection associated with this object which allows its Accessible children to be selected.

[getAccessibleSelection\(\)](#) - Method in class [java.awt.List.AccessibleAWTList](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.accessibility.AccessibleContext](#)

Gets the AccessibleSelection associated with this object which allows its Accessible children to be selected.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JTabbedPane.AccessibleJTabbedPane](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JMenu.AccessibleJMenu](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JComboBox.AccessibleJComboBox](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JList.AccessibleJList](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JList.AccessibleJList.AccessibleJListChild](#)

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JTree.AccessibleJTree](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode](#)

Get the AccessibleSelection associated with this object if one exists.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable.AccessibleJTableCell](#)

Gets the AccessibleSelection associated with this object if one exists.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.JMenuBar.AccessibleJMenuBar](#)

Get the AccessibleSelection associated with this object.

[getAccessibleSelection\(\)](#) - Method in class [javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](#)

[getAccessibleSelection\(int\)](#) - Method in class [java.awt.MenuComponent.AccessibleAWTMenuComponent](#).

Returns an Accessible representing the specified selected child in the object.

[getAccessibleSelection\(int\)](#) - Method in class [java.awt.List.AccessibleAWTList](#)

Returns an Accessible representing the specified selected item in the object.

[getAccessibleSelection\(int\)](#) - Method in interface [javax.accessibility.AccessibleSelection](#)

Returns an Accessible representing the specified selected child of the object.

[getAccessibleSelection\(int\)](#) - Method in class [javax.swing.JTabbedPane.AccessibleJTabbedPane](#)

[getAccessibleSelection\(int\)](#) - Method in class [javax.swing.JMenu.AccessibleJMenu](#)

Returns the currently selected sub-menu if one is selected, otherwise null (there can only be one selection, and it can only be a sub-menu, as otherwise menu items don't remain selected).

[getAccessibleSelection\(int\)](#) - Method in class [javax.swing.JComboBox.AccessibleJComboBox](#)

Returns an Accessible representing the specified selected child in the popup.

[getAccessibleSelection\(int\)](#) - Method in class [javax.swing.JList.AccessibleJList](#)

Returns an Accessible representing the specified selected item in the object.

getAccessibleSelection(int) - Method in class javax.swing.JTree.AccessibleJTree

Returns an Accessible representing the specified selected item in the object.

getAccessibleSelection(int) - Method in class javax.swing.JTree.AccessibleJTreeNode

Returns an Accessible representing the specified selected item in the object.

getAccessibleSelection(int) - Method in class javax.swing.JTable.AccessibleJTable

Returns an Accessible representing the specified selected child in the object.

getAccessibleSelection(int) - Method in class javax.swing.JMenuBar.AccessibleJMenuBar

Returns the currently selected menu if one is selected, otherwise null.

getAccessibleSelectionCount() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Returns the number of Accessible children currently selected.

getAccessibleSelectionCount() - Method in class java.awt.List.AccessibleAWTList

Returns the number of items currently selected.

getAccessibleSelectionCount() - Method in interface javax.accessibility.AccessibleSelection

Returns the number of Accessible children currently selected.

getAccessibleSelectionCount() - Method in class javax.swing.JTabbedPane.AccessibleJTabbedPane

getAccessibleSelectionCount() - Method in class javax.swing.JMenu.AccessibleJMenu

Returns 1 if a sub-menu is currently selected in this menu.

getAccessibleSelectionCount() - Method in class javax.swing.JComboBox.AccessibleJComboBox

Returns the number of Accessible children currently selected.

getAccessibleSelectionCount() - Method in class javax.swing.JList.AccessibleJList

Returns the number of items currently selected.

getAccessibleSelectionCount() - Method in class javax.swing.JTree.AccessibleJTree

Returns the number of items currently selected.

getAccessibleSelectionCount() - Method in class javax.swing.JTree.AccessibleJTreeNode

Returns the number of items currently selected.

getAccessibleSelectionCount() - Method in class javax.swing.JTable.AccessibleJTable

Returns the number of Accessible children currently selected.

getAccessibleSelectionCount() - Method in class javax.swing.JMenuBar.AccessibleJMenuBar

Returns 1 if a menu is currently selected in this menu bar.

getAccessibleStateSet() - Method in class java.applet.Applet.AccessibleApplet

Get the state of this object.

getAccessibleStateSet() - Method in class java.awt.Component.AccessibleAWTComponent

Get the state of this object.

getAccessibleStateSet() - Method in class java.awt.Scrollbar.AccessibleAWTScrollbar

Get the state set of this object.

getAccessibleStateSet() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Get the state of this object.

getAccessibleStateSet() - Method in class java.awt.Checkbox.AccessibleAWTCheckbox

Get the state set of this object.

getAccessibleStateSet() - Method in class java.awt.List.AccessibleAWTList

Get the state set of this object.

getAccessibleStateSet() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild

Get the state set of this object.

getAccessibleStateSet() - Method in class java.awt.TextComponent.AccessibleAWTTextComponent

Gets the state set of the TextComponent.

getAccessibleStateSet() - Method in class java.awt.Window.AccessibleAWTWindow

[INVALID\\_TRANSACTION\(String, int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.INVALID\_TRANSACTION

Constructs an INVALID\_TRANSACTION exception with the specified detail message, minor code, and completion status.

[Invalid\(\)](#) - Constructor for class org.omg.CORBA.DynAnyPackage.Invalid

Constructs an Invalid object.

[Invalid\(String\)](#) - Constructor for class org.omg.CORBA.DynAnyPackage.Invalid

Constructs an Invalid object.

[InvalidAlgorithmParameterException](#) - exception java.security.InvalidAlgorithmParameterException.

This is the exception for invalid or inappropriate algorithm parameters.

[InvalidAlgorithmParameterException\(\)](#) - Constructor for class java.security.InvalidAlgorithmParameterException

Constructs an InvalidAlgorithmParameterException with no detail message.

[InvalidAlgorithmParameterException\(String\)](#) - Constructor for class java.security.InvalidAlgorithmParameterException

Constructs an InvalidAlgorithmParameterException with the specified detail message.

[invalidate\(\)](#) - Method in class java.awt.Component

Invalidates this component.

[invalidate\(\)](#) - Method in class java.awt.Container

Invalidates the container.

[invalidate\(\)](#) - Method in class javax.swing.CellRendererPane

Overridden to avoid propagating a invalidate up the tree when the cell renderer child is configured.

[invalidateFileCache\(\)](#) - Method in class javax.swing.plaf.basic.BasicDirectoryModel

[invalidateLayout\(Container\)](#) - Method in interface java.awt.LayoutManager2

Invalidates the layout, indicating that if the layout manager has cached information it should be discarded.

[invalidateLayout\(Container\)](#) - Method in class java.awt.CardLayout

Invalidates the layout, indicating that if the layout manager has cached information it should be discarded.

[invalidateLayout\(Container\)](#) - Method in class java.awt.BorderLayout

Invalidates the layout, indicating that if the layout manager has cached information it should be discarded.

[invalidateLayout\(Container\)](#) - Method in class java.awt.GridBagLayout

Invalidates the layout, indicating that if the layout manager has cached information it should be discarded.

[invalidateLayout\(Container\)](#) - Method in class javax.swing.BoxLayout

Indicates that a child has changed its layout related information, and thus any cached calculations should be flushed.

[invalidateLayout\(Container\)](#) - Method in class javax.swing.OverlayLayout

Indicates a child has changed its layout related information, which causes any cached calculations to be flushed.

[invalidateLayout\(Container\)](#) - Method in class javax.swing.JRootPane.RootLayout

[invalidateLayout\(Container\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager

Does nothing.

invalidatePathBounds(TreePath) - Method in class javax.swing.tree.AbstractLayoutCache

Instructs the LayoutCache that the bounds for path are invalid, and need to be updated.

invalidatePathBounds(TreePath) - Method in class javax.swing.tree.VariableHeightLayoutCache

Instructs the LayoutCache that the bounds for path are invalid, and need to be updated.

invalidatePathBounds(TreePath) - Method in class javax.swing.tree.FixedHeightLayoutCache

Does nothing, FixedHeightLayoutCache doesn't cache width, and that is all that could change.

invalidateSizes() - Method in class javax.swing.tree.AbstractLayoutCache

Informs the TreeState that it needs to recalculate all the sizes it is referencing.

invalidateSizes() - Method in class javax.swing.tree.VariableHeightLayoutCache

Informs the TreeState that it needs to recalculate all the sizes it is referencing.

invalidateSizes() - Method in class javax.swing.tree.FixedHeightLayoutCache

Informs the TreeState that it needs to recalculate all the sizes it is referencing.

InvalidAttributeIdentifierException - exception javax.naming.directory.InvalidAttributeIdentifierException.

This exception is thrown when an attempt is made to add to create an attribute with an invalid attribute identifier.

InvalidAttributeIdentifierException() - Constructor for class

javax.naming.directory.InvalidAttributeIdentifierException

Constructs a new instance of InvalidAttributeIdentifierException.

InvalidAttributeIdentifierException(String) - Constructor for class

javax.naming.directory.InvalidAttributeIdentifierException

Constructs a new instance of InvalidAttributeIdentifierException using the explanation supplied.

InvalidAttributesException - exception javax.naming.directory.InvalidAttributesException.

This exception is thrown when an attempt is made to add or modify an attribute set that has been specified incompletely or incorrectly.

InvalidAttributesException() - Constructor for class javax.naming.directory.InvalidAttributesException

Constructs a new instance of InvalidAttributesException.

InvalidAttributesException(String) - Constructor for class javax.naming.directory.InvalidAttributesException

Constructs a new instance of InvalidAttributesException using an explanation.

InvalidAttributeValueException - exception javax.naming.directory.InvalidAttributeValueException.

This class is thrown when an attempt is made to add to an attribute a value that conflicts with the attribute's schema definition.

InvalidAttributeValueException() - Constructor for class

javax.naming.directory.InvalidAttributeValueException

Constructs a new instance of InvalidAttributeValueException.

InvalidAttributeValueException(String) - Constructor for class

javax.naming.directory.InvalidAttributeValueException

Constructs a new instance of InvalidAttributeValueException using an explanation.

InvalidClassException - exception java.io.InvalidClassException.

Thrown when the Serialization runtime detects one of the following problems with a Class.

InvalidClassException(String) - Constructor for class java.io.InvalidClassException

Report a InvalidClassException for the reason specified.

InvalidClassException(String, String) - Constructor for class java.io.InvalidClassException

Constructs an InvalidClassException object.

InvalidDnDOperationException - exception java.awt.dnd.InvalidDnDOperationException.

This exception is thrown by various methods in the java.awt.dnd package.

InvalidDnDOperationException() - Constructor for class java.awt.dnd.InvalidDnDOperationException

Create a default Exception

[InvalidDnDOperationException\(String\)](#) - Constructor for class java.awt.dnd.[InvalidDnDOperationException](#)

Create an Exception with its own descriptive message

[InvalidKeyException](#) - exception java.security.[InvalidKeyException](#).

This is the exception for invalid Keys (invalid encoding, wrong length, uninitialized, etc).

[InvalidKeyException\(\)](#) - Constructor for class java.security.[InvalidKeyException](#)

Constructs an InvalidKeyException with no detail message.

[InvalidKeyException\(String\)](#) - Constructor for class java.security.[InvalidKeyException](#)

Constructs an InvalidKeyException with the specified detail message.

[InvalidKeySpecException](#) - exception java.security.spec.[InvalidKeySpecException](#).

This is the exception for invalid key specifications.

[InvalidKeySpecException\(\)](#) - Constructor for class java.security.spec.[InvalidKeySpecException](#)

Constructs an InvalidKeySpecException with no detail message.

[InvalidKeySpecException\(String\)](#) - Constructor for class java.security.spec.[InvalidKeySpecException](#)

Constructs an InvalidKeySpecException with the specified detail message.

[InvalidMidiDataException](#) - exception javax.sound.midi.[InvalidMidiDataException](#).

An InvalidMidiDataException indicates that inappropriate MIDI data was encountered.

[InvalidMidiDataException\(\)](#) - Constructor for class javax.sound.midi.[InvalidMidiDataException](#)

Constructs an InvalidMidiDataException with null for its error detail message.

[InvalidMidiDataException\(String\)](#) - Constructor for class javax.sound.midi.[InvalidMidiDataException](#)

Constructs an InvalidMidiDataException with the specified detail message.

[InvalidName](#) - exception org.omg.CORBA.ORBPackage.[InvalidName](#).

The InvalidName exception is raised when ORB.resolve\_initial\_references is passed a name for which there is no initial reference.

[InvalidName](#) - exception org.omg.CosNaming.NamingContextPackage.[InvalidName](#).

[InvalidName\(\)](#) - Constructor for class org.omg.CORBA.ORBPackage.[InvalidName](#)

Constructs an InvalidName exception with no reason message.

[InvalidName\(\)](#) - Constructor for class org.omg.CosNaming.NamingContextPackage.[InvalidName](#)

[InvalidName\(String\)](#) - Constructor for class org.omg.CORBA.ORBPackage.[InvalidName](#)

Constructs an InvalidName exception with the specified reason message.

[InvalidNameException](#) - exception javax.naming.[InvalidNameException](#).

This exception indicates that the name being specified does not conform to the naming syntax of a naming system.

[InvalidNameException\(\)](#) - Constructor for class javax.naming.[InvalidNameException](#)

Constructs an instance of InvalidNameException with all fields set to null.

[InvalidNameException\(String\)](#) - Constructor for class javax.naming.[InvalidNameException](#)

Constructs an instance of InvalidNameException using an explanation of the problem.

[InvalidNameHelper](#) - class org.omg.CosNaming.NamingContextPackage.[InvalidNameHelper](#).

[InvalidNameHolder](#) - class org.omg.CosNaming.NamingContextPackage.[InvalidNameHolder](#).

[InvalidNameHolder\(\)](#) - Constructor for class

org.omg.CosNaming.NamingContextPackage.[InvalidNameHolder](#)

[InvalidNameHolder\(InvalidName\)](#) - Constructor for class

org.omg.CosNaming.NamingContextPackage.[InvalidNameHolder](#)

[InvalidObjectException](#) - exception java.io.[InvalidObjectException](#).

Indicates that one or more deserialized objects failed validation tests.

[InvalidObjectException\(String\)](#) - Constructor for class java.io.[InvalidObjectException](#)

Constructs an InvalidObjectException.

[InvalidParameterException](#) - exception java.security.[InvalidParameterException](#).

This exception is thrown when an invalid parameter is passed to a method.

[InvalidParameterException\(\)](#) - Constructor for class java.security.[InvalidParameterException](#)

Constructs an InvalidParameterException with no detail message.

[InvalidParameterException\(String\)](#) - Constructor for class java.security.[InvalidParameterException](#)

Constructs an InvalidParameterException with the specified detail message.

[InvalidParameterSpecException](#) - exception java.security.spec.[InvalidParameterSpecException](#).

This is the exception for invalid parameter specifications.

[InvalidParameterSpecException\(\)](#) - Constructor for class java.security.spec.[InvalidParameterSpecException](#)

Constructs an InvalidParameterSpecException with no detail message.

[InvalidParameterSpecException\(String\)](#) - Constructor for class

java.security.spec.[InvalidParameterSpecException](#)

Constructs an InvalidParameterSpecException with the specified detail message.

[InvalidSearchControlsException](#) - exception javax.naming.directory.[InvalidSearchControlsException](#).

This exception is thrown when the specification of the SearchControls for a search operation is invalid.

[InvalidSearchControlsException\(\)](#) - Constructor for class

javax.naming.directory.[InvalidSearchControlsException](#)

Constructs a new instance of InvalidSearchControlsException.

[InvalidSearchControlsException\(String\)](#) - Constructor for class

javax.naming.directory.[InvalidSearchControlsException](#)

Constructs a new instance of InvalidSearchControlsException with an explanation.

[InvalidSearchFilterException](#) - exception javax.naming.directory.[InvalidSearchFilterException](#).

This exception is thrown when the specification of a search filter is invalid.

[InvalidSearchFilterException\(\)](#) - Constructor for class javax.naming.directory.[InvalidSearchFilterException](#)

Constructs a new instance of InvalidSearchFilterException.

[InvalidSearchFilterException\(String\)](#) - Constructor for class

javax.naming.directory.[InvalidSearchFilterException](#)

Constructs a new instance of InvalidSearchFilterException with an explanation.

[InvalidSeq](#) - exception org.omg.CORBA.DynAnyPackage.[InvalidSeq](#).

The InvalidSeq exception is thrown by all operations on dynamic anys that take a sequence (Java array) as an argument, when that sequence is invalid.

[InvalidSeq\(\)](#) - Constructor for class org.omg.CORBA.DynAnyPackage.[InvalidSeq](#)

Constructs an InvalidSeq object.

[InvalidSeq\(String\)](#) - Constructor for class org.omg.CORBA.DynAnyPackage.[InvalidSeq](#)

Constructs an InvalidSeq object.

[InvalidTransactionException](#) - exception javax.transaction.[InvalidTransactionException](#).

This exception indicates that the request carried an invalid transaction context.

[InvalidTransactionException\(\)](#) - Constructor for class javax.transaction.[InvalidTransactionException](#)

[InvalidTransactionException\(String\)](#) - Constructor for class javax.transaction.[InvalidTransactionException](#)

[InvalidValue](#) - exception org.omg.CORBA.DynAnyPackage.[InvalidValue](#).

InvalidValue() - Constructor for class org.omg.CORBA.DynAnyPackage.InvalidValue

Constructs an InvalidValue object.

InvalidValue(String) - Constructor for class org.omg.CORBA.DynAnyPackage.InvalidValue

Constructs an InvalidValue object.

inverseTransform(double[], int, double[], int, int) - Method in class java.awt.geom.AffineTransform

Inverse transforms an array of double precision coordinates by this transform.

inverseTransform(Point2D, Point2D) - Method in class java.awt.geom.AffineTransform

Inverse transforms the specified ptSrc and stores the result in ptDst.

INVITE - Static variable in class java.awt.PageAttributes.MediaType

An alias for INVITE\_ENVELOPE.

INVITE\_ENVELOPE - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for Invitation Envelope, 220 x 220 mm.

INVOCATION\_DEFAULT - Static variable in class java.awt.event.InvocationEvent

The default id for all InvocationEvents.

INVOCATION\_EVENT\_MASK - Static variable in class java.awt.AWTEvent

The event mask for selecting invocation events.

INVOCATION\_FIRST - Static variable in class java.awt.event.InvocationEvent

Marks the first integer id for the range of invocation event ids.

INVOCATION\_LAST - Static variable in class java.awt.event.InvocationEvent

Marks the last integer id for the range of invocation event ids.

InvocationEvent - class java.awt.event.InvocationEvent.

An event which executes the run() method on a Runnable when dispatched by the AWT event dispatcher thread.

InvocationEvent(Object, int, Runnable, Object, boolean) - Constructor for class

java.awt.event.InvocationEvent

Constructs an InvocationEvent with the specified source and ID which will execute the runnable's run() method when dispatched.

InvocationEvent(Object, Runnable) - Constructor for class java.awt.event.InvocationEvent

Constructs an InvocationEvent with the specified source which will execute the runnable's run() method when dispatched.

InvocationEvent(Object, Runnable, Object, boolean) - Constructor for class java.awt.event.InvocationEvent

Constructs an InvocationEvent with the specified source which will execute the runnable's run() method when dispatched.

InvocationHandler - interface java.lang.reflect.InvocationHandler.

InvocationHandler is the interface implemented by the *invocation handler* of a proxy instance.

InvocationTargetException - exception java.lang.reflect.InvocationTargetException.

InvocationTargetException is a checked exception that wraps an exception thrown by an invoked method or constructor.

InvocationTargetException() - Constructor for class java.lang.reflect.InvocationTargetException

Constructs an InvocationTargetException with null as the target exception.

InvocationTargetException(Throwable) - Constructor for class java.lang.reflect.InvocationTargetException

Constructs a InvocationTargetException with a target exception.

InvocationTargetException(Throwable, String) - Constructor for class

java.lang.reflect.InvocationTargetException

Constructs a InvocationTargetException with a target exception and a detail message.

INVOICE - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for Invoice, 5 1/2 x 8 1/2 in.

[invoke\(\)](#) - Method in class org.omg.CORBA.Request

Makes a synchronous invocation using the information in the Request object.

[invoke\(Object, Method, Object\[\]\)](#) - Method in interface java.lang.reflect.InvocationHandler

Processes a method invocation on a proxy instance and returns the result.

[invoke\(Object, Object\[\]\)](#) - Method in class java.lang.reflect.Method

Invokes the underlying method represented by this Method object, on the specified object with the specified parameters.

[invoke\(Object, OutputStream\)](#) - Method in class org.omg.CORBA.portable.Delegate

invoke is called by a stub to invoke an operation.

[invoke\(RemoteCall\)](#) - Method in interface java.rmi.server.RemoteRef

Deprecated. 1.2 style stubs no longer use this method. Instead of using a sequence of method calls to the remote reference (newCall, invoke, and done), a stub uses a single method, invoke(Remote, Method, Object[], int), on the remote reference to carry out parameter marshalling, remote method executing and unmarshalling of the return value.

1.2 stubs are generated using rmic -v1.2. By default, rmic generates stubs compatible with JDK1.1 and the Java 2 SDK. The compatible stubs can also be generated using rmic -vcompat.

[invoke\(Remote, Method, Object\[\], long\)](#) - Method in interface java.rmi.server.RemoteRef

Invoke a method.

[invoke\(ServerRequest\)](#) - Method in class org.omg.CORBA.DynamicImplementation

Accepts a ServerRequest object and uses its methods to determine the request target, operation, and parameters, and to set the result or exception.

[invoke\(ServerRequest\)](#) - Method in class org.omg.CosNaming.BindingIteratorImplBase

[invoke\(ServerRequest\)](#) - Method in class org.omg.CosNaming.NamingContextImplBase

[invokeAndWait\(Runnable\)](#) - Static method in class java.awt.EventQueue

Causes *Runnable* to have its run() method called in the dispatch thread of the EventQueue.

[invokeAndWait\(Runnable\)](#) - Static method in class javax.swing.SwingUtilities

Causes *doRun.run()* to be executed synchronously on the AWT event dispatching thread.

[InvokeHandler](#) - interface org.omg.CORBA.portable.InvokeHandler

This interface provides a dispatching mechanism for an incoming call.

[invokeLater\(Runnable\)](#) - Static method in class java.awt.EventQueue

Causes *Runnable* to have its run() method called in the dispatch thread of the EventQueue.

[invokeLater\(Runnable\)](#) - Static method in class javax.swing.SwingUtilities

Causes *doRun.run()* to be executed asynchronously on the AWT event dispatching thread.

[INVOKES\\_STOP\\_CELL\\_EDITING\\_PROPERTY](#) - Static variable in class javax.swing.JTree

Bound property name for messagesStopCellEditing.

[invokesStopCellEditing](#) - Variable in class javax.swing.JTree

If true, when editing is to be stopped by way of selection changing, data in tree changing or other means stopCellEditing is invoked, and changes are saved.

[IOException](#) - exception java.io.IOException.

Signals that an I/O exception of some sort has occurred.

[IOException](#) - Constructor for class java.io.IOException

Constructs an IOException with null as its error detail message.

IOException(String) - Constructor for class java.io.IOException

Constructs an IOException with the specified detail message.

IP\_MULTICAST\_IF - Static variable in interface java.net.SocketOptions

Set which outgoing interface on which to send multicast packets.

IPA\_EXTENSIONS - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

ipadx - Variable in class java.awt.GridBagConstraints

This field specifies the internal padding of the component, how much space to add to the minimum width of the component.

ipady - Variable in class java.awt.GridBagConstraints

This field specifies the internal padding, that is, how much space to add to the minimum height of the component.

IROObject - interface org.omg.CORBA.IROObject.

An IROObject IDL interface represents the most generic interface from which all other Interface

Repository interfaces are derived, even the Repository itself.

IROObjectOperations - interface org.omg.CORBA.IROObjectOperations.

This is the Operations interface for the mapping from IROObject.

is\_a(Object, String) - Method in class org.omg.CORBA.portable.Delegate

Checks if the object reference is an instance of the given interface.

IS\_CLOSED\_PROPERTY - Static variable in class javax.swing.JInternalFrame

Constrained property name indicating that the frame is closed.

is\_equivalent(Object, Object) - Method in class org.omg.CORBA.portable.Delegate

Determines if the two object references are equivalent.

IS\_ICON\_PROPERTY - Static variable in class javax.swing.JInternalFrame

Constrained property name indicating that the frame is iconified.

is\_local(Object) - Method in class org.omg.CORBA.portable.Delegate

Returns true if this object is implemented by a local servant.

IS\_MAXIMUM\_PROPERTY - Static variable in class javax.swing.JInternalFrame

Constrained property name indicating that the frame is maximized.

IS\_PALETTE - Static variable in class javax.swing.plaf.metal.MetalInternalFrameUI

IS\_SELECTED\_PROPERTY - Static variable in class javax.swing.JInternalFrame

Constrained property name indicated that this frame has selected status.

isAbsolute() - Method in class java.io.File

Tests whether this abstract pathname is absolute.

isAbstract(int) - Static method in class java.lang.reflect.Modifier

Return true if the specifier integer includes the abstract modifier.

isAcceptAllFileFilterUsed() - Method in class javax.swing.JFileChooser

Returns whether the AcceptAll FileFilter is used.

isAccessible() - Method in class java.lang.reflect.AccessibleObject

Get the value of the accessible flag for this object.

isAccessibleChildSelected(int) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Determines if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class java.awt.List.AccessibleAWTList

Returns true if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in interface javax.accessibility.AccessibleSelection

Determines if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class javax.swing.JTabbedPane.AccessibleJTabbedPane

isAccessibleChildSelected(int) - Method in class javax.swing.JMenu.AccessibleJMenu

Returns true if the current child of this object is selected (that is, if this child is a popped-up submenu).

isAccessibleChildSelected(int) - Method in class javax.swing.JComboBox.AccessibleJComboBox

Determines if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class javax.swing.JList.AccessibleJList

Returns true if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class javax.swing.JTree.AccessibleJTree

Returns true if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

Returns true if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class javax.swing.JTable.AccessibleJTable

Determines if the current child of this object is selected.

isAccessibleChildSelected(int) - Method in class javax.swing.JMenuBar.AccessibleJMenuBar

Returns true if the current child of this object is selected.

isAccessibleColumnSelected(int) - Method in interface javax.accessibility.AccessibleTable

Returns a boolean value indicating whether the specified column is selected.

isAccessibleColumnSelected(int) - Method in class javax.swing.JTable.AccessibleJTable

Returns a boolean value indicating whether the specified column is selected

isAccessibleRowSelected(int) - Method in interface javax.accessibility.AccessibleTable

Returns a boolean value indicating whether the specified row is selected.

isAccessibleRowSelected(int) - Method in class javax.swing.JTable.AccessibleJTable

Returns a boolean value indicating whether the specified row is selected

isAccessibleSelected(int, int) - Method in interface javax.accessibility.AccessibleTable

Returns a boolean value indicating whether the accessible at a specified row and column is selected.

isAccessibleSelected(int, int) - Method in class javax.swing.JTable.AccessibleJTable

Returns a boolean value indicating whether the accessible at a given (row, column) is selected

isActionKey() - Method in class java.awt.event.KeyEvent

Returns whether or not the key in this event is an "action" key, as defined in Event.java.

isActive() - Method in class java.applet.Applet

Determines if this applet is active.

isActive() - Method in interface java.applet.AppletStub

Determines if the applet is active.

isActive() - Method in class java.awt.dnd.DropTarget

This method returns a boolean indicating whether or not this DropTarget is currently active (ready to accept drops).

isActive() - Method in interface javax.sound.sampled.DataLine

Indicates whether the line is engaging in active I/O (such as playback or capture).

isAddedPath() - Method in class javax.swing.event.TreeSelectionEvent

Returns true if the first path element has been added to the selection, a return value of false means the first path has been removed from the selection.

isAddedPath(int) - Method in class javax.swing.event.TreeSelectionEvent

Returns true if the path identified by index was added to the selection.

isAddedPath(TreePath) - Method in class javax.swing.event.TreeSelectionEvent

Returns true if the path identified by path was added to the selection.

isAfter(int, int, Rectangle) - Method in class javax.swing.text.CompositeView

Tests whether a point lies after the rectangle range.
<u>isAfter(int, int, Rectangle)</u> - Method in class javax.swing.text.BoxView
Determines if a point falls after an allocated region.
<u>isAfterLast()</u> - Method in interface java.sql.ResultSet
Indicates whether the cursor is after the last row in this ResultSet object.
<u>isAlive()</u> - Method in class java.lang.Thread
Tests if this thread is alive.
<u>isAllocationValid()</u> - Method in class javax.swing.text.BoxView
Are the allocations for the children still valid?
<u>isAlphaPremultiplied()</u> - Method in class java.awt.image.BufferedImage
Returns whether or not the alpha has been premultiplied.
<u>isAlphaPremultiplied()</u> - Method in class java.awt.image.ColorModel
Returns whether or not the alpha has been premultiplied in the pixel values to be translated by this ColorModel.
<u>isAltDown()</u> - Method in class java.awt.event.InputEvent
Returns whether or not the Alt modifier is down on this event.
<u>isAltGraphDown()</u> - Method in class java.awt.event.InputEvent
Returns whether or not the Alt-Graph modifier is down on this event.
<u>isAncestorOf(Component)</u> - Method in class java.awt.Container
Checks if the component is contained in the component hierarchy of this container.
<u>isAntiAliased()</u> - Method in class java.awt.font.FontRenderContext
Gets the text anti-aliasing mode used in this FontRenderContext.
<u>isArmed()</u> - Method in javax.swing.JMenuItem
Returns whether the menu item is "armed".
<u>isArmed()</u> - Method in interface javax.swing.ButtonModel
Indicates partial commitment towards pressing the button.
<u>isArmed()</u> - Method in class javax.swing.DefaultButtonModel
Indicates partial commitment towards pressing the button.
<u>isArray()</u> - Method in class java.lang.Class
Determines if this Class object represents an array class.
<u>isAssignableFrom(Class)</u> - Method in class java.lang.Class
Determines if the class or interface represented by this Class object is either the same as, or is a superclass or superinterface of, the class or interface represented by the specified Class parameter.
<u>isAutoIncrement(int)</u> - Method in interface java.sql.ResultSetMetaData
Indicates whether the designated column is automatically numbered, thus read-only.
<u>isAutoScrolling</u> - Variable in class javax.swing.plaf.basic.BasicComboPopup
<u>isAutoWaitForIdle()</u> - Method in class java.awt.Robot
Returns whether this Robot automatically invokes waitForIdle after generating an event.
<u>isBackingStoreEnabled()</u> - Method in class javax.swing.JViewport
Deprecated. As of Java 2 platform v1.3, replaced by getScrollMode().
<u>isBefore(int, int, Rectangle)</u> - Method in class javax.swing.text.CompositeView
Tests whether a point lies before the rectangle range.
<u>isBefore(int, int, Rectangle)</u> - Method in class javax.swing.text.BoxView
Determines if a point falls before an allocated region.
<u>isBeforeFirst()</u> - Method in interface java.sql.ResultSet
Indicates whether the cursor is before the first row in this ResultSet object.

isBigEndian() - Method in class javax.sound.sampled.AudioFormat

Indicates whether the audio data is stored in big-endian or little-endian byte order.

isBlock() - Method in class javax.swing.text.html.HTML.Tag

Block tags are tags that add structure to a document.

isBlockTag(AttributeSet) - Method in class javax.swing.text.html.HTMLWriter

Determines if the HTML.Tag associated with the element is a block tag.

isBold() - Method in class java.awt.Font

Indicates whether or not this Font object's style is BOLD.

isBold(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Checks whether the bold attribute is set.

isBorderOpaque() - Method in class javax.swing.border.AbstractBorder

This default implementation returns false.

isBorderOpaque() - Method in class javax.swing.border.BevelBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.border.SoftBevelBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.border.EmptyBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.border.MatteBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.border.CompoundBorder

Returns whether or not this compound border is opaque.

isBorderOpaque() - Method in class javax.swing.border.LineBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.border.TitledBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.border.EtchedBorder

Returns whether or not the border is opaque.

isBorderOpaque() - Method in interface javax.swing.border.Border

Returns whether or not the border is opaque.

isBorderOpaque() - Method in class javax.swing.plaf.BorderUIResource

isBorderOpaque() - Method in class javax.swing.plaf.basic.BasicBorders.SplitPaneBorder

isBorderPainted() - Method in class javax.swing.AbstractButton

Returns whether the border should be painted.

isBorderPainted() - Method in class javax.swing.JPopupMenu

Checks whether the border should be painted.

isBorderPainted() - Method in class javax.swing.JToolBar

Checks whether the border should be painted.

isBorderPainted() - Method in class javax.swing.JMenuBar

Returns true if the menu bars border should be painted.

isBorderPainted() - Method in class javax.swing.JProgressBar

Returns true if the progress bar has a border or false if it does not.

isBorderPaintedFlat() - Method in class javax.swing.JCheckBox

Returns whether the border should be painted flat.

isBound() - Method in class java.beans.PropertyDescriptor

Updates to "bound" properties will cause a "PropertyChange" event to get fired when the property is changed.

[isBoundary\(int\)](#) - Method in class [java.text.BreakIterator](#)

Return true if the specified position is a boundary position.

[isCanceled\(\)](#) - Method in class [javax.swing.ProgressMonitor](#)

Returns true if the user hits the Cancel button in the progress dialog.

[isCancelled\(\)](#) - Method in class [java.awt.print.PrinterJob](#)

Returns true if a print job is in progress, but is going to be cancelled at the next opportunity; otherwise returns false.

[isCaseIgnored\(\)](#) - Method in interface [javax.naming.directory.Attributes](#)

Determines whether the attribute set ignores the case of attribute identifiers when retrieving or adding attributes.

[isCaseIgnored\(\)](#) - Method in class [javax.naming.directory.BasicAttributes](#)

[isCaseSensitive\(int\)](#) - Method in interface [java.sql.ResultSetMetaData](#)

Indicates whether a column's case matters.

[isCatalogAtStart\(\)](#) - Method in interface [java.sql.DatabaseMetaData](#)

Does a catalog appear at the start of a qualified table name? (Otherwise it appears at the end)

[isCellEditable\(EventObject\)](#) - Method in interface [javax.swing.CellEditor](#)

Ask the editor if it can start editing using *anEvent*.

[isCellEditable\(EventObject\)](#) - Method in class [javax.swing.AbstractCellEditor](#)

Returns true.

[isCellEditable\(EventObject\)](#) - Method in class [javax.swing.DefaultCellEditor](#)

[isCellEditable\(EventObject\)](#) - Method in class [javax.swing.DefaultCellEditor.EditorDelegate](#)

[isCellEditable\(EventObject\)](#) - Method in class [javax.swing.tree.DefaultTreeCellEditor](#)

If the realEditor returns true to this message, prepareForEditing is messaged and true is returned.

[isCellEditable\(int, int\)](#) - Method in class [javax.swing.JTable](#)

Returns true if the cell at row and column is editable.

[isCellEditable\(int, int\)](#) - Method in class [javax.swing.table.AbstractTableModel](#)

Returns false.

[isCellEditable\(int, int\)](#) - Method in class [javax.swing.table.DefaultTableModel](#)

Returns true regardless of parameter values.

[isCellEditable\(int, int\)](#) - Method in interface [javax.swing.table.TableModel](#)

Returns true if the cell at rowIndex and columnIndex is editable.

[isCellSelected\(int, int\)](#) - Method in class [javax.swing.JTable](#)

Returns true if the cell at the specified position is selected.

[isCertificateEntry\(String\)](#) - Method in class [java.security.KeyStore](#)

Returns true if the entry identified by the given alias is a *trusted certificate entry*, and false otherwise.

[isClosable\(\)](#) - Method in class [javax.swing.JInternalFrame](#)

Returns whether this JInternalFrame be closed by some user action.

[isClosed](#) - Variable in class [javax.swing.JInternalFrame](#)

The frame has been closed.

[isClosed\(\)](#) - Method in interface [java.sql.Connection](#)

Tests to see if a Connection is closed.

[isClosed\(\)](#) - Method in class [javax.swing.JInternalFrame](#)

- Returns whether this `JInternalFrame` is currently closed.
- [isCoalesce\(\)](#) - Method in class `javax.swing.Timer`  
Returns true if the Timer coalesces multiple pending `performCommand()` messages.
- [isCollapsed\(int\)](#) - Method in class `javax.swing.JTree`  
Returns true if the node at the specified display row is collapsed.
- [isCollapsed\(TreePath\)](#) - Method in class `javax.swing.JTree`  
Returns true if the value identified by path is currently collapsed, this will return false if any of the values in path are currently not being displayed.
- [isColumnSelected\(int\)](#) - Method in class `javax.swing.JTable`  
Returns true if the column at the specified index is selected.
- [isCombining\(\)](#) - Method in class `java.awt.font.GlyphMetrics`  
Returns true if this is a combining glyph.
- [isCompatibleRaster\(Raster\)](#) - Method in class `java.awt.image.ColorModel`  
Returns true if raster is compatible with this `ColorModel` and false if it is not.
- [isCompatibleRaster\(Raster\)](#) - Method in class `java.awt.image.ComponentColorModel`  
Returns true if raster is compatible with this `ColorModel`; false if it is not.
- [isCompatibleRaster\(Raster\)](#) - Method in class `java.awt.image.DirectColorModel`  
Returns true if raster is compatible with this `ColorModel` and false if it is not.
- [isCompatibleRaster\(Raster\)](#) - Method in class `java.awt.image.IndexColorModel`  
Returns true if raster is compatible with this `ColorModel` or false if it is not compatible with this `ColorModel`.
- [isCompatibleSampleModel\(SampleModel\)](#) - Method in class `java.awt.image.ColorModel`  
Checks if the `SampleModel` is compatible with this `ColorModel`.
- [isCompatibleSampleModel\(SampleModel\)](#) - Method in class `java.awt.image.PackedColorModel`  
Checks if the specified `SampleModel` is compatible with this `ColorModel`.
- [isCompatibleSampleModel\(SampleModel\)](#) - Method in class `java.awt.image.ComponentColorModel`  
Checks whether or not the specified `SampleModel` is compatible with this `ColorModel`.
- [isCompatibleSampleModel\(SampleModel\)](#) - Method in class `java.awt.image.IndexColorModel`  
Checks if the specified `SampleModel` is compatible with this `ColorModel`.
- [isCompatibleValue\(Object\)](#) - Method in class `java.awt.RenderingHints.Key`  
Returns true if the specified object is a valid value for this Key.
- [isCompatibleWith\(String\)](#) - Method in class `java.lang.Package`  
Compare this package's specification version with a desired version.
- [isCompletelyDirty\(JComponent\)](#) - Method in class `javax.swing.RepaintManager`  
Convenience method that returns true if aComponent will be completely painted during the next `paintDirtyRegions()`.
- [isComponent\(\)](#) - Method in class `java.awt.font.GlyphMetrics`  
Returns true if this is a component glyph.
- [isComponentPartOfCurrentMenu\(Component\)](#) - Method in class `javax.swing.MenuSelectionManager`  
Return true if c is part of the currently used menu
- [isCompositionEnabled\(\)](#) - Method in class `java.awt.im.InputContext`  
Determines whether the current input method is enabled for composition.
- [isCompositionEnabled\(\)](#) - Method in interface `java.awt.im.spi.InputMethod`  
Determines whether this input method is enabled.
- [isConstrained\(\)](#) - Method in class `java.beans.PropertyDescriptor`  
Attempted updates to "Constrained" properties will cause a "VetoableChange" event to get fired when the property is changed.

isConsumed() - Method in class `java.awt.AWTEvent`

isConsumed() - Method in class `java.awt.event.InputMethodEvent`

Returns whether or not this event has been consumed.

isConsumed() - Method in class `java.awt.event.InputEvent`

Returns whether or not this event has been consumed.

isConsumer(ImageConsumer) - Method in class `java.awt.image.FilteredImageSource`

Determines whether an `ImageConsumer` is on the list of consumers currently interested in data for this image.

isConsumer(ImageConsumer) - Method in interface `java.awt.image.ImageProducer`

This method determines if a given `ImageConsumer` object is currently registered with this `ImageProducer` as one of its consumers.

isConsumer(ImageConsumer) - Method in class `java.awt.image.MemoryImageSource`

Determine if an `ImageConsumer` is on the list of consumers currently interested in data for this image.

isConsumer(ImageConsumer) - Method in class `java.awt.image.renderable.RenderableImageProducer`

Determine if an `ImageConsumer` is on the list of consumers currently interested in data for this image.

isContentAreaFilled() - Method in class `javax.swing.AbstractButton`

Checks whether the "content area" of the button should be filled.

isContinuousLayout() - Method in class `javax.swing.JSplitPane`

Returns true if the child components are continuously redisplayed and layed out during user intervention.

isContinuousLayout() - Method in class `javax.swing.plaf.basic.BasicSplitPaneUI`

Determines wether the `JSplitPane` is set to use a continuous layout.

isControlDown() - Method in class `java.awt.event.InputEvent`

Returns whether or not the Control modifier is down on this event.

isControlSupported(Control.Type) - Method in interface `javax.sound.sampled.Line`

Indicates whether the line supports a control of the specified type.

isConversionSupported(AudioFormat.Encoding, AudioFormat) - Static method in class `javax.sound.sampled.AudioSystem`

Indicates whether an audio input stream of the specified encoding can be obtained from an audio input stream that has the specified format.

isConversionSupported(AudioFormat.Encoding, AudioFormat) - Method in class `javax.sound.sampled.spi.FormatConversionProvider`

Indicates whether the format converter supports conversion to a particular encoding from a particular format.

isConversionSupported(AudioFormat, AudioFormat) - Static method in class `javax.sound.sampled.AudioSystem`

Indicates whether an audio input stream of a specified format can be obtained from an audio input stream of another specified format.

isConversionSupported(AudioFormat, AudioFormat) - Method in class `javax.sound.sampled.spi.FormatConversionProvider`

Indicates whether the format converter supports conversion to one particular format from another.

isCritical() - Method in interface `javax.naming.ldap.Control`

Determines the criticality of the LDAP control.

isCS\_sRGB() - Method in class `java.awt.color.ColorSpace`

Returns true if the `ColorSpace` is CS\_sRGB.

isCurrency(int) - Method in interface `java.sql.ResultSetMetaData`

- Indicates whether the designated column is a cash value.
- [isCurrentServiceInvalidNow\(\)](#) - Method in class `java.beans.beancontext.BeanContextServiceRevokedEvent`  
 Reports if the current service is being forcibly revoked, in which case the references are now invalidated and unusable.
- [isCustomMarshaled\(Class\)](#) - Method in interface `javax.rmi.CORBA.ValueHandler`  
 Indicates whether the given class performs custom or default marshaling.
- [isCyclic\(\)](#) - Method in class `java.awt.GradientPaint`  
 Returns `true` if the gradient cycles repeatedly between the two colors C1 and C2.
- [isDaemon\(\)](#) - Method in class `java.lang.ThreadGroup`  
 Tests if this thread group is a daemon thread group.
- [isDaemon\(\)](#) - Method in class `java.lang.Thread`  
 Tests if this thread is a daemon thread.
- [isDataFlavorSupported\(DataFlavor\)](#) - Method in interface `java.awt.datatransfer.Transferable`  
 Returns whether or not the specified data flavor is supported for this object.
- [isDataFlavorSupported\(DataFlavor\)](#) - Method in class `java.awt.datatransfer.StringSelection`  
 Returns whether the requested flavor is supported by this Transferable.
- [isDataFlavorSupported\(DataFlavor\)](#) - Method in class `java.awt.dnd.DropTargetContext`  
 This method returns a boolean indicating if the given DataFlavor is supported by this DropTargetContext.
- [isDataFlavorSupported\(DataFlavor\)](#) - Method in class `java.awt.dnd.DropTargetContext.TransferableProxy`  
 check if a particular flavor is supported?
- [isDataFlavorSupported\(DataFlavor\)](#) - Method in class `java.awt.dnd.DropTargetDropEvent`  
 This method returns a boolean indicating if the specified DataFlavor is available from the source.
- [isDataFlavorSupported\(DataFlavor\)](#) - Method in class `java.awt.dnd.DropTargetDragEvent`  
 This method returns a boolean indicating if the specified DataFlavor is supported.
- [isDecimalSeparatorAlwaysShown\(\)](#) - Method in class `java.text.DecimalFormat`  
 Allows you to get the behavior of the decimal separator with integers.
- [isDefaultButton\(\)](#) - Method in class `javax.swing.JButton`  
 Returns whether or not this button is the default button on the RootPane.
- [isDefaultCapable\(\)](#) - Method in class `javax.swing.JButton`  
 Returns whether or not this button is capable of being the default button on the RootPane.
- [isDefined\(char\)](#) - Static method in class `java.lang.Character`  
 Determines if a character has a defined meaning in Unicode.
- [isDefined\(Object\)](#) - Method in class `javax.swing.text.SimpleAttributeSet`  
 Tells whether a given attribute is defined.
- [isDefined\(Object\)](#) - Method in class `javax.swing.text.StyleContext.SmallAttributeSet`  
 Checks whether a given attribute is defined.
- [isDefined\(Object\)](#) - Method in class `javax.swing.text.StyleContext.NamedStyle`  
 Checks whether a given attribute is defined.
- [isDefined\(Object\)](#) - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
 Checks whether a given attribute is defined.
- [isDefined\(Object\)](#) - Method in interface `javax.swing.text.AttributeSet`  
 Checks whether the named attribute has a value specified in the set without resolving through another attribute set.
- [isDefinitelyWritable\(int\)](#) - Method in interface `java.sql.ResultSetMetaData`  
 Indicates whether a write on the designated column will definitely succeed.
- [isDelegated\(\)](#) - Method in class `java.beans.beancontext.BeanContextChildSupport`

- Reports whether or not this class is a delegate of another.
- isDescendant(TreePath) - Method in class javax.swing.tree.TreePath  
Returns true if aTreePath is a descendant of this TreePath.
- isDescendingFrom(Component, Component) - Static method in class javax.swing.SwingUtilities  
Return true if a component a descends from a component b
- isDesignTime() - Static method in class java.beans.Beans  
Test if we are in design-mode.
- isDesignTime() - Method in interface java.beans.DesignMode  
A value of true denotes that JavaBeans should behave in design time mode, a value of false denotes runtime behavior.
- isDesignTime() - Method in class java.beans.beancontext.BeanContextSupport  
Reports whether or not this object is in currently in design time mode.
- isDestroyed() - Method in class java.lang.ThreadGroup  
Tests if this thread group has been destroyed.
- isDeviceSupported(MidiDevice.Info) - Method in class javax.sound.midi.spi.MidiDeviceProvider  
Indicates whether the device provider supports the device represented by the specified device info object.
- isDigit(char) - Static method in class java.lang.Character  
Determines if the specified character is a digit.
- isDirectory() - Method in class java.io.File  
Tests whether the file denoted by this abstract pathname is a directory.
- isDirectory() - Method in class java.util.zip.ZipEntry  
Returns true if this is a directory entry.
- isDirectorySelectionEnabled() - Method in class javax.swing.JFileChooser  
Convenience call that determines if directories are selectable based on the current file selection mode.
- isDispatchThread() - Static method in class java.awt.EventQueue  
Returns true if the calling thread is the current AWT EventQueue's dispatch thread.
- isDisplayable() - Method in class java.awt.Component  
Determines whether this component is displayable.
- isDone() - Method in interface java.awt.geom.PathIterator  
Tests if the iteration is complete.
- isDone() - Method in class java.awt.geom.FlatteningPathIterator  
Tests if the iteration is complete.
- isDoubleBuffered() - Method in class java.awt.Component  
Returns true if this component is painted to an offscreen image ("buffer") that's copied to the screen later.
- isDoubleBuffered() - Method in class javax.swing.JComponent  
Returns whether the receiving component should use a buffer to paint.
- isDoubleBufferingEnabled() - Method in class javax.swing.RepaintManager  
Returns true if this object is double buffered.
- isDragging - Variable in class javax.swing.plaf.basic.BasicScrollBarUI
- isDragging - Variable in class javax.swing.plaf.basic.BasicToolBarUI.DockingListener
- isDragImageSupported() - Static method in class java.awt.dnd.DragSource  
This method returns a boolean indicating whether or not drag Image support is available on the underlying platform.

- isDrawingBuffer() - Method in class javax.swing.DebugGraphics  
    Returns the drawingBuffer value.
- isDynamic() - Method in interface java.awt.image.renderable.ContextualRenderedImageFactory  
    Returns true if successive renderings (that is, calls to create(RenderContext, ParameterBlock)) with the same arguments may produce different results.
- isDynamic() - Method in class java.awt.image.renderable.RenderableImageOp  
    Returns true if successive renderings (that is, calls to createRendering() or createScaledRendering()) with the same arguments may produce different results.
- isDynamic() - Method in interface java.awt.image.renderable.RenderableImage  
    Returns true if successive renderings (that is, calls to createRendering() or createScaledRendering()) with the same arguments may produce different results.
- isEditable - Variable in class javax.swing.JComboBox
- isEditable() - Method in class java.awt.TextComponent  
    Indicates whether or not this text component is editable.
- isEditable() - Method in class javax.swing.JComboBox  
    Returns true if the JComboBox is editable.
- isEditable() - Method in class javax.swing.JTree  
    Returns true if the tree is editable.
- isEditable() - Method in class javax.swing.text.JTextComponent  
    Returns the boolean indicating whether this TextComponent is editable or not.
- isEditable() - Method in class javax.swing.plaf.basic.BasicTreeUI
- isEditing() - Method in class javax.swing.JTree  
    Returns true if the tree is being edited.
- isEditing() - Method in class javax.swing.JTable  
    Returns true if a cell is being edited.
- isEditing(JTree) - Method in class javax.swing.plaf.TreeUI  
    Returns true if the tree is being edited.
- isEditing(JTree) - Method in class javax.swing.plaf.basic.BasicTreeUI  
    Returns true if the tree is being edited.
- isEditing(JTree) - Method in class javax.swing.plaf.multi.MultiTreeUI  
    Call isEditing on each UI handled by this MultiUI.
- isEmpty() - Method in class java.awt.RenderingHints  
    Returns true if this RenderingHints contains no key-value mappings.
- isEmpty() - Method in class java.awt.Rectangle  
    Determines whether or not this Rectangle is empty.
- isEmpty() - Method in class java.awt.geom.RectangularShape  
    Determines whether the RectangularShape is empty.
- isEmpty() - Method in class java.awt.geom.RoundRectangle2D.Float  
    Determines whether or not this RoundRectangle2D is empty.
- isEmpty() - Method in class java.awt.geom.RoundRectangle2D.Double  
    Determines whether or not this RoundRectangle2D is empty.
- isEmpty() - Method in class java.awt.geom.Area  
    Tests whether this Area object encloses any area.
- isEmpty() - Method in class java.awt.geom.Rectangle2D.Float  
    Determines whether or not this Rectangle2D is empty.

isEmpty() - Method in class `java.awt.geom.Rectangle2D.Double`

Determines whether or not this Rectangle2D is empty.

isEmpty() - Method in class `java.awt.geom.Arc2D.Float`

Determines whether the arc is empty.

isEmpty() - Method in class `java.awt.geom.Arc2D.Double`

Determines whether the arc is empty.

isEmpty() - Method in class `java.awt.geom.Ellipse2D.Float`

Determines whether or not the bounding box of this Ellipse2D is empty.

isEmpty() - Method in class `java.awt.geom.Ellipse2D.Double`

Determines whether or not the bounding box of this Ellipse2D is empty.

isEmpty() - Method in class `java.beans.beancontext.BeanContextSupport`

Reports whether or not this BeanContext is empty.

isEmpty() - Method in class `java.util.Dictionary`

Tests if this dictionary maps no keys to value.

isEmpty() - Method in class `java.util.Hashtable`

Tests if this hashtable maps no keys to values.

isEmpty() - Method in class `java.util.AbstractCollection`

Returns true if this collection contains no elements.

isEmpty() - Method in class `java.util.TreeSet`

Returns true if this set contains no elements.

isEmpty() - Method in class `java.util.AbstractMap`

Returns true if this map contains no key-value mappings.

isEmpty() - Method in class `java.util.Vector`

Tests if this vector has no components.

isEmpty() - Method in interface `java.util.Collection`

Returns true if this collection contains no elements.

isEmpty() - Method in class `java.util.WeakHashMap`

Returns true if this map contains no key-value mappings.

isEmpty() - Method in class `java.util.HashSet`

Returns true if this set contains no elements.

isEmpty() - Method in interface `java.util.Set`

Returns true if this set contains no elements.

isEmpty() - Method in interface `java.util.List`

Returns true if this list contains no elements.

isEmpty() - Method in class `java.util.ArrayList`

Tests if this list has no elements.

isEmpty() - Method in class `java.util.HashMap`

Returns true if this map contains no key-value mappings.

isEmpty() - Method in interface `java.util.Map`

Returns true if this map contains no key-value mappings.

isEmpty() - Method in class `java.util.jar.Attributes`

Returns true if this Map contains no attributes.

isEmpty() - Method in interface `javax.naming.Name`

Determines whether this name is empty.

isEmpty() - Method in class `javax.naming.CompoundName`

Determines whether this compound name is empty.

isEmpty() - Method in class `javax.naming.CompositeName`

- Determines whether this composite name is empty.
- isEmpty() - Method in class javax.swing.DefaultListModel
- Tests if this list has no components.
- isEmpty() - Method in class javax.swing.text.SimpleAttributeSet
- Checks whether the set of attributes is empty.
- isEmpty() - Method in class javax.swing.text.html.parser.Element
- Check if empty
- isEnabled() - Method in class java.awt.Component
- Determines whether this component is enabled.
- isEnabled() - Method in class java.awt.Component.AccessibleAWTComponent
- Determine if the object is enabled.
- isEnabled() - Method in class java.awt.MenuItem
- Checks whether this menu item is enabled.
- isEnabled() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent
- Determine if the object is enabled.
- isEnabled() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild
- Determine if the object is enabled.
- isEnabled() - Method in interface javax.accessibility.AccessibleComponent
- Determines if the object is enabled.
- isEnabled() - Method in class javax.swing.ToolTipManager
- Returns true if this object is enabled.
- isEnabled() - Method in interface javax.swing.Action
- Returns the enabled state of the Action.
- isEnabled() - Method in interface javax.swing.ButtonModel
- Indicates if the button can be selected or pressed by an input device (such as a mouse pointer).
- isEnabled() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild
- isEnabled() - Method in class javax.swing.DefaultButtonModel
- Indicates if the button can be selected or pressed by an input device (such as a mouse pointer).
- isEnabled() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode
- isEnabled() - Method in class javax.swing.AbstractAction
- Returns true if the action is enabled.
- isEnabled() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell
- Determines if the object is enabled.
- isEnabled() - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry
- isEnabled() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI.OpenAction
- isEnabled() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI.CloseAction
- isEnabled() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI.MinimizeAction
- isEnabled() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI.MaximizeAction
- isEnabled() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI.NavigateAction

isEnabled() - Method in class javax.swing.plaf.basic.[BasicTreeUI.TreeTraverseAction](#)

isEnabled() - Method in class javax.swing.plaf.basic.[BasicTreeUI.TreePageAction](#)

isEnabled() - Method in class javax.swing.plaf.basic.[BasicTreeUI.TreeIncrementAction](#)

isEnabled() - Method in class javax.swing.plaf.basic.[BasicTreeUI.TreeHomeAction](#)

isEnabled() - Method in class javax.swing.plaf.basic.[BasicTreeUI.TreeToggleAction](#)

isEnabled() - Method in class javax.swing.plaf.basic.[BasicTreeUI.TreeCancelEditingAction](#)

isEnabled() - Method in class javax.swing.plaf.basic.[BasicSliderUI.ActionScroller](#)

isEnabledAt(int) - Method in class javax.swing.JTabbedPane

    Returns whether or not the tab at index is currently enabled.

isEnqueued() - Method in class java.lang.ref.Reference

    Tells whether or not this reference object has been enqueued, either by the program or by the garbage collector.

isEqual(AttributeSet) - Method in class javax.swing.text.SimpleAttributeSet

    Compares two attribute sets.

isEqual(AttributeSet) - Method in class javax.swing.text.StyleContext.SmallAttributeSet

    Checks whether two attribute sets are equal.

isEqual(AttributeSet) - Method in class javax.swing.text.StyleContext.NamedStyle

    Checks whether two attribute sets are equal.

isEqual(AttributeSet) - Method in class javax.swing.text.AbstractDocument.AbstractElement

    Checks whether two attribute sets are equal.

isEqual(AttributeSet) - Method in interface javax.swing.text.AttributeSet

    Determines if the two attribute sets are equivalent.

isEqual(byte[], byte[]) - Static method in class java.security.MessageDigest

    Compares two digests for equality.

isErrorAny() - Method in class java.awt.MediaTracker

    Checks the error status of all of the images.

isErrorID(int) - Method in class java.awt.MediaTracker

    Checks the error status of all of the images tracked by this media tracker with the specified identifier.

isEventDispatchThread() - Static method in class javax.swing.SwingUtilities

    Returns true if the current thread is an AWT event dispatching thread.

isExpanded(int) - Method in class javax.swing.JTree

    Returns true if the node at the specified display row is currently expanded.

isExpanded(TreePath) - Method in class javax.swing.JTree

    Returns true if the node identified by the path is currently expanded,

isExpanded(TreePath) - Method in class javax.swing.tree.AbstractLayoutCache

    Returns true if the value identified by row is currently expanded.

isExpanded(TreePath) - Method in class javax.swing.tree.VariableHeightLayoutCache

    Returns true if the value identified by row is currently expanded.

isExpanded(TreePath) - Method in class javax.swing.tree.FixedHeightLayoutCache

Returns true if the value identified by row is currently expanded.

[isExpert\(\)](#) - Method in class `java.beans.FeatureDescriptor`

The "expert" flag is used to distinguish between those features that are intended for expert users from those that are intended for normal users.

[isFile\(\)](#) - Method in class `java.io.File`

Tests whether the file denoted by this abstract pathname is a normal file.

[isFileHidingEnabled\(\)](#) - Method in class `javax.swing.JFileChooser`

Returns true if hidden files are not shown in the file chooser; otherwise, returns false.

[isFileSelectionEnabled\(\)](#) - Method in class `javax.swing.JFileChooser`

Convenience call that determines if files are selectable based on the current file selection mode.

[isFileTypeSupported\(AudioFormat.Type\)](#) - Static method in class `javax.sound.sampled.AudioSystem`

Indicates whether file writing support for the specified file type is provided by the system.

[isFileTypeSupported\(AudioFormat.Type\)](#) - Method in class `javax.sound.sampled.spi.AudioFileWriter`

Indicates whether file writing support for the specified file type is provided by this audio file writer.

[isFileTypeSupported\(AudioFormat.Type, AudioInputStream\)](#) - Static method in class `javax.sound.sampled.AudioSystem`

Indicates whether an audio file of the specified file type can be written from the indicated audio input stream.

[isFileTypeSupported\(AudioFormat.Type, AudioInputStream\)](#) - Method in class `javax.sound.sampled.spi.AudioFileWriter`

Indicates whether an audio file of the type specified can be written from the audio input stream indicated.

[isFileTypeSupported\(int\)](#) - Static method in class `javax.sound.midi.MidiSystem`

Indicates whether file writing support for the specified MIDI file type is provided by the system.

[isFileTypeSupported\(int\)](#) - Method in class `javax.sound.midi.spi.MidiFileWriter`

Indicates whether file writing support for the specified MIDI file type is provided by this file writer.

[isFileTypeSupported\(int, Sequence\)](#) - Static method in class `javax.sound.midi.MidiSystem`

Indicates whether a MIDI file of the file type specified can be written from the sequence indicated.

[isFileTypeSupported\(int, Sequence\)](#) - Method in class `javax.sound.midi.spi.MidiFileWriter`

Indicates whether a MIDI file of the file type specified can be written from the sequence indicated.

[isFinal\(int\)](#) - Static method in class `java.lang.reflect.Modifier`

Return true if the specified integer includes the `final` modifier.

[isFirst\(\)](#) - Method in interface `java.sql.ResultSet`

Indicates whether the cursor is on the first row of this `ResultSet` object.

[isFixedRowHeight\(\)](#) - Method in class `javax.swing.JTree`

Returns true if the height of each display row is a fixed size.

[isFixedRowHeight\(\)](#) - Method in class `javax.swing.tree.AbstractLayoutCache`

Returns true if the height of each row is a fixed size.

[isFlavorJavaFileType\(\)](#) - Method in class `java.awt.datatransfer.DataFlavor`

[isFlavorRemoteObjectType\(\)](#) - Method in class `java.awt.datatransfer.DataFlavor`

[isFlavorSerializedObjectType\(\)](#) - Method in class `java.awt.datatransfer.DataFlavor`

[isFloatable\(\)](#) - Method in class `javax.swing.JToolBar`

Returns true if the `JToolBar` can be dragged out by the user.

[isFloating\(\)](#) - Method in class `javax.swing.plaf.basic.BasicToolBarUI`

isFocusCycleRoot() - Method in class javax.swing.JComponent

Override this method and return true if your component is the root of a component tree with its own focus cycle.

isFocusCycleRoot() - Method in class javax.swing.JEditorPane

Makes JEditorPane be the root of a focus cycle.

isFocusCycleRoot() - Method in class javax.swing.JRootPane

Make JRootPane be the root of a focus cycle.

isFocusManagerEnabled() - Static method in class javax.swing.FocusManager

Return whether Swing's focus manager is enabled

isFocusPainted() - Method in class javax.swing.AbstractButton

Returns whether focus should be painted.

isFocusTraversable() - Method in class java.awt.Component

Returns the value of a flag that indicates whether this component can be traversed using Tab or Shift-Tab keyboard focus traversal.

isFocusTraversable() - Method in class java.awt.Component.AccessibleAWTComponent

Returns whether this object can accept focus or not.

isFocusTraversable() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Returns whether this object can accept focus or not.

isFocusTraversable() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild

Returns whether this object can accept focus or not.

isFocusTraversable() - Method in interface javax.accessibility.AccessibleComponent

Returns whether this object can accept focus or not.

isFocusTraversable() - Method in class javax.swing.JComponent

Identifies whether or not this component can receive the focus.

isFocusTraversable() - Method in class javax.swing.AbstractButton

Identifies whether or not this component can receive the focus.

isFocusTraversable() - Method in class javax.swing.JSeparator

Identifies whether or not this component can receive the focus.

isFocusTraversable() - Method in class javax.swing.JComboBox

Returns true if the component can receive the focus.

isFocusTraversable() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

isFocusTraversable() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

isFocusTraversable() - Method in class javax.swing.JTable

We override this method, whose implementation in JComponent returns false, to return true.

isFocusTraversable() - Method in class javax.swing.JTable.AccessibleJTableCell

isFocusTraversable() - Method in class javax.swing.JScrollBar

Identifies whether or not this component can receive the focus.

isFocusTraversable() - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

isFocusTraversable() - Method in class javax.swing.text.JTextField

Returns true if the focus can be traversed.

isFocusTraversable() - Method in class javax.swing.plaf.basic.BasicComboPopup

Overridden to unconditionally return false.

isFocusTraversable() - Method in class javax.swing.plaf.basic.BasicInternalFrameTitlePane.SystemMenuBar

isFocusTraversable() - Method in class javax.swing.plaf.basic.BasicArrowButton

isFocusTraversable() - Method in class javax.swing.plaf.metal.MetalComboBoxButton

isFocusTraversable(JComboBox) - Method in class javax.swing.plaf.ComboBoxUI

Determine whether or not the combo box itself is traversable

isFocusTraversable(JComboBox) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

Determines if the JComboBox is focus traversable.

isFocusTraversable(JComboBox) - Method in class javax.swing.plaf.metal.MetalComboBoxUI

isFocusTraversable(JComboBox) - Method in class javax.swing.plaf.multi.MultiComboBoxUI

Call isFocusTraversable on each UI handled by this MultiUI.

isFormatSupported(AudioFormat) - Method in class javax.sound.sampled.DataLine.Info

Indicates whether this data line supports a particular audio format.

isFreeStanding - Variable in class javax.swing.plaf.metal.MetalScrollBarUI

isGeneral() - Method in class javax.swing.text.html.parser.Entity

Return true if it is a parameter entity.

isGraphicsConfigSupported(GraphicsConfiguration) - Method in class java.awt.GraphicsConfigTemplate

Returns a boolean indicating whether or not the specified GraphicsConfiguration can be used to create a drawing surface that supports the indicated features.

isGroupingUsed() - Method in class java.text.NumberFormat

Returns true if grouping is used in this format.

isGuiAvailable() - Static method in class java.beans.Beans

Determines whether beans can assume a GUI is available.

isHidden() - Method in class java.beans.FeatureDescriptor

The "hidden" flag is used to identify features that are intended only for tool use, and which should not be exposed to humans.

isHidden() - Method in class java.io.File

Tests whether the file named by this abstract pathname is a hidden file.

isHidden(File) - Method in class javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView

isHiddenFile(File) - Method in class javax.swing.filechooser.FileSystemView

Returns whether a file is hidden or not.

isHorizontal() - Method in class java.awt.ComponentOrientation

Are lines horizontal? This will return true for horizontal, left-to-right writing systems such as Roman.

isHTMLString(String) - Static method in class javax.swing.plaf.basic.BasicHTML

Check the given string to see if it should trigger the html rendering logic in a non-text component that supports html rendering.

isIcon - Variable in class javax.swing.JInternalFrame

The frame has been iconized.

isIcon() - Method in class javax.swing.JInternalFrame

Returns whether the JInternalFrame is currently iconified.

isIconifiable() - Method in class javax.swing.JInternalFrame

Returns whether the `JInternalFrame` can be iconified by some user action.  
[isIconOnly\(\)](#) - Method in class `javax.swing.plaf.metal.MetalComboBoxButton`

[isIdentifierIgnorable\(char\)](#) - Static method in class `java.lang.Character`

Determines if the specified character should be regarded as an ignorable character in a Java identifier or a Unicode identifier.

[isIdentity\(\)](#) - Method in class `java.awt.geom.AffineTransform`

Returns `true` if this `AffineTransform` is an identity transform.

[isInDefaultEventSet\(\)](#) - Method in class `java.beans.EventSetDescriptor`

Report if an event set is in the "default set".

[isIndex](#) - Variable in class `javax.swing.text.html.parserDTD`

[ISINDEX](#) - Static variable in class `javax.swing.text.html.HTML.Tag`

[isIndexSelected\(int\)](#) - Method in class `java.awt.List`

Determines if the specified item in this scrolling list is selected.

[isInfinite\(\)](#) - Method in class `java.lang.Float`

Returns true if this `Float` value is infinitely large in magnitude.

[isInfinite\(\)](#) - Method in class `java.lang.Double`

Returns true if this `Double` value is infinitely large in magnitude.

[isInfinite\(double\)](#) - Static method in class `java.lang.Double`

Returns true if the specified number is infinitely large in magnitude.

[isInfinite\(float\)](#) - Static method in class `java.lang.Float`

Returns true if the specified number is infinitely large in magnitude.

[isInherited\(\)](#) - Method in class `javax.swing.text.html.CSS.Attribute`

Indicates if the attribute should be inherited from the parent or not.

[isInProgress\(\)](#) - Method in class `javax.swing.undo.CompoundEdit`

Returns true if this edit is in progress--that is, it has not received end.

[isInstance\(Object\)](#) - Method in class `java.lang.Class`

Determines if the specified `Object` is assignment-compatible with the object represented by this `Class`.

[isInstanceOf\(Object, Class\)](#) - Static method in class `java.beans.Beans`

Check if a bean can be viewed as a given target type.

[isInterface\(\)](#) - Method in class `java.lang.Class`

Determines if the specified `Class` object represents an interface type.

[isInterface\(int\)](#) - Static method in class `java.lang.reflect.Modifier`

Return true if the specifier integer includes the `interface` modifier.

[isInterrupted\(\)](#) - Method in class `java.lang.Thread`

Tests whether this thread has been interrupted.

[isISOControl\(char\)](#) - Static method in class `java.lang.Character`

Determines if the specified character is an ISO control character.

[isItalic\(\)](#) - Method in class `java.awt.Font`

Indicates whether or not this `Font` object's style is `ITALIC`.

[isItalic\(AttributeSet\)](#) - Static method in class `javax.swing.text.StyleConstants`

Checks whether the italic attribute is set.

[isJavaIdentifierPart\(char\)](#) - Static method in class `java.lang.Character`

Determines if the specified character may be part of a Java identifier as other than the first character.

[isJavaIdentifierStart\(char\)](#) - Static method in class `java.lang.Character`

Determines if the specified character is permissible as the first character in a Java identifier.

isJavaLetter(char) - Static method in class `java.lang.Character`

Deprecated. *Replaced by isJavaIdentifierStart(char).*

isJavaLetterOrDigit(char) - Static method in class `java.lang.Character`

Deprecated. *Replaced by isJavaIdentifierPart(char).*

isJavaMIMEType(String) - Static method in class `java.awt.datatransfer.SystemFlavorMap`

isKeyBindingActive() - Method in class `javax.swing.plaf.basic.BasicInternalFrameUI`

isKeyBindingRegistered() - Method in class `javax.swing.plaf.basic.BasicInternalFrameUI`

isKeyDown - Variable in class `javax.swing.plaf.basic.BasicTreeUI.KeyHandler`

Set to true while keyPressed is active.

isKeyEntry(String) - Method in class `java.security.KeyStore`

Returns true if the entry identified by the given alias is a *key entry*, and false otherwise.

isLargeModel() - Method in class `javax.swing.JTree`

Returns true if the tree is configured for a large model.

isLargeModel() - Method in class `javax.swing.plaf.basic.BasicTreeUI`

isLast() - Method in interface `java.sql.ResultSet`

Indicates whether the cursor is on the last row of this `ResultSet` object.

isLayoutValid() - Method in class `javax.swing.text.AsyncBoxView.ChildState`

Has the child view been laid out.

isLeadAnchorNotificationEnabled() - Method in class `javax.swing.DefaultListSelectionModel`

Returns the value of the `leadAnchorNotificationEnabled` flag.

isLeadingEdge() - Method in class `java.awt.font.TextHitInfo`

Returns true if the leading edge of the character was hit.

isLeaf() - Method in class `javax.swing.JTree.DynamicUtilTreeNode`

Returns true if this node allows children.

isLeaf() - Method in interface `javax.swing.text.Element`

Is this element a leaf element?

isLeaf() - Method in class `javax.swing.text.AbstractDocument.AbstractElement`

Checks whether the element is a leaf.

isLeaf() - Method in class `javax.swing.text.AbstractDocument.BranchElement`

Checks whether the element is a leaf.

isLeaf() - Method in class `javax.swing.text.AbstractDocument.LeafElement`

Checks whether the element is a leaf.

isLeaf() - Method in class `javax.swing.tree.DefaultMutableTreeNode`

Returns true if this node has no children.

isLeaf() - Method in interface `javax.swing.tree.TreeNode`

Returns true if the receiver is a leaf.

isLeaf(int) - Method in class `javax.swing.plaf.basic.BasicTreeUI`

isLeaf(Object) - Method in interface `javax.swing.tree.TreeModel`

Returns true if *node* is a leaf.

isLeaf(Object) - Method in class `javax.swing.tree.DefaultTreeModel`

Returns whether the specified node is a leaf node.

isLeapYear(int) - Method in class `java.util.GregorianCalendar`

Determines if the given year is a leap year.

isLeftMouseButton(MouseEvent) - Static method in class `javax.swing.SwingUtilities`

Returns true if the mouse event specifies the left mouse button.

isLeftToRight() - Method in class `java.awt.ComponentOrientation`

HorizontalLines: Do items run left-to-right?

Vertical Lines: Do lines run left-to-right?

This will return true for horizontal, left-to-right writing systems such as Roman.

isLeftToRight() - Method in class `java.awt.font.TextLayout`

Returns true if this `TextLayout` has a left-to-right base direction or false if it has a right-to-left base direction.

isLenient() - Method in class `java.text.DateFormat`

Tell whether date/time parsing is to be lenient.

isLenient() - Method in class `java.util.Calendar`

Tell whether date/time interpretation is to be lenient.

isLetter(char) - Static method in class `java.lang.Character`

Determines if the specified character is a letter.

isLetterOrDigit(char) - Static method in class `java.lang.Character`

Determines if the specified character is a letter or digit.

isLigature() - Method in class `java.awt.font.GlyphMetrics`

Returns true if this is a ligature glyph.

isLight - Variable in class `javax.swing.plaf.metal.MetalIconFactory.TreeControlIcon`

isLightweight() - Method in class `java.awt.Component`

A lightweight component doesn't have a native toolkit peer.

isLightweightComponent(Component) - Static method in class `javax.swing.JComponent`

Returns true if this component is a lightweight, that is, if it doesn't have a native window system peer.

isLightWeightPopupEnabled() - Method in class `javax.swing.ToolTipManager`

Returns true if lightweight (all-Java) Tooltips are in use, or false if heavyweight (native peer) Tooltips are being used.

isLightWeightPopupEnabled() - Method in class `javax.swing.JPopupMenu`

Returns true if light weight (all-Java) popups are in use, or false if heavy weight (native peer) popups are being used.

isLightWeightPopupEnabled() - Method in class `javax.swing.JComboBox`

Returns true if lightweight (all-Java) popups are in use, or false if heavyweight (native peer) popups are being used.

isLineEmpty() - Method in class `javax.swing.text.AbstractWriter`

Returns true if the current line should be considered empty.

isLineSupported(Line.Info) - Method in interface `javax.sound.sampled.Mixer`

Indicates whether the mixer supports a line (or lines) that match the specified `Line.Info` object.

isLineSupported(Line.Info) - Static method in class `javax.sound.sampled.AudioSystem`

Indicates whether the the system supports any lines that match the specified `Line.Info` object.

isLocal - Variable in class `java.awt.dnd.DropTargetContext.TransferableProxy`

A boolean indicating if the DragSource is in the same JVM as the DropTarget.

isLocal(Stub) - Static method in class `javax.rmi.CORBA.Util`

Returns true if the stub is in the same ORB instance as is the servant.

isLocal(Stub) - Method in interface `javax.rmi.CORBA.UtilDelegate`

- Delegation call for `Util.isLocal(javax.rmi.CORBA.Stub)`.
- [isLocallyDefined\(KeyStroke\)](#) - Method in interface javax.swing.text.Keymap  
Determines if the given key sequence is locally defined.
- [isLocalTransfer\(\)](#) - Method in class java.awt.dnd.DropTargetDropEvent  
This method returns an int indicating if the source is in the same JVM as the target.
- [isLocationInExpandControl\(int, int, int\)](#) - Method in class javax.swing.plaf.metal.MetalTreeUI
- [isLocationInExpandControl\(TreePath, int, int\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI  
Returns true if mouseX and mouseY fall in the area of row that is used to expand/collapse the node and the node at row does not represent a leaf.
- [isLowerCase\(char\)](#) - Static method in class java.lang.Character  
Determines if the specified character is a lowercase character.
- [isManagingFocus\(\)](#) - Method in class javax.swing.JComponent  
Override this method and return true if your JComponent manages focus.
- [isManagingFocus\(\)](#) - Method in class javax.swing.JEditorPane  
Turns off tab traversal once focus is gained.
- [isManagingFocus\(\)](#) - Method in class javax.swing.JTable  
We override this method, whose implementation in JComponent returns false, to return true.
- [isManagingFocus\(\)](#) - Method in class javax.swing.JMenuBar  
Returns true to indicate that this component manages focus events internally.
- [isManagingFocus\(\)](#) - Method in class javax.swing.JTextArea  
Turns off tab traversal once focus gained.
- [ISMAP](#) - Static variable in class javax.swing.text.html.HTML.Attribute
- [isMaximizable\(\)](#) - Method in class javax.swing.JInternalFrame  
Returns whether the JInternalFrame can be maximized by some user action.
- [isMaximum](#) - Variable in class javax.swing.JInternalFrame  
The frame has been expanded to its maximum size.
- [isMaximum\(\)](#) - Method in class javax.swing.JInternalFrame  
Returns whether the JInternalFrame is currently maximized.
- [isMaximumSizeSet\(\)](#) - Method in class javax.swing.JComponent  
Returns true if the maximum size has been set to a non-null value otherwise returns false.
- [isMember\(Principal\)](#) - Method in interface java.security.acl.Group  
Returns true if the passed principal is a member of the group.
- [isMenuComponent\(Component\)](#) - Method in class javax.swing.JMenu  
Returns true if the specified component exists in the submenu hierarchy.
- [isMetaDown\(\)](#) - Method in class java.awt.event.InputEvent  
Returns whether or not the Meta modifier is down on this event.
- [isMiddleMouseButton\(MouseEvent\)](#) - Static method in class javax.swing.SwingUtilities  
Returns true if the mouse event specifies the middle mouse button.
- [isMimeTypeEqual\(DataFlavor\)](#) - Method in class java.awt.datatransfer.DataFlavor  
Compare the mimeType of two DataFlavor objects no parameters are considered
- [isMimeTypeEqual\(String\)](#) - Method in class java.awt.datatransfer.DataFlavor  
Returns whether the string representation of the MIME type passed in is equivalent to the MIME type of this DataFlavor.
- [isMimeTypeSerializedObject\(\)](#) - Method in class java.awt.datatransfer.DataFlavor  
does the DataFlavor represent a serialized object?

isMinimumSizeDirty - Variable in class javax.swing.plaf.basic.BasicComboBoxUI

isMinimumSizeSet() - Method in class javax.swing.JComponent

Returns true if the minimum size has been set to a non-null value otherwise returns false.

isMixerSupported(Mixer.Info) - Method in class javax.sound.sampled.spi.MixerProvider

Indicates whether the mixer provider supports the mixer represented by the specified mixer info object.

isModal() - Method in class java.awt.Dialog

Indicates whether the dialog is modal.

isMulticastAddress() - Method in class java.net.InetAddress

Utility routine to check if the InetAddress is an IP multicast address.

isMultipleMode() - Method in class java.awt.List

Determines whether this list allows multiple selections.

isMultiSelectEvent(MouseEvent) - Method in class javax.swing.plaf.basic.BasicTreeUI

Returning true signifies a mouse event on the node should select from the anchor point.

isMultiSelectionEnabled() - Method in class javax.swing.JFileChooser

Returns true if multiple files can be selected.

isNaN() - Method in class java.lang.Float

Returns true if this Float value is Not-a-Number (NaN).

isNaN() - Method in class java.lang.Double

Returns true if this Double value is the special Not-a-Number (NaN) value.

isNaN(double) - Static method in class java.lang.Double

Returns true if the specified number is the special Not-a-Number (NaN) value.

isNaN(float) - Static method in class java.lang.Float

Returns true if the specified number is the special Not-a-Number (NaN) value.

isNative(int) - Static method in class java.lang.reflect.Modifier

Return true if the specifier integer includes the native modifier.

isNativeLookAndFeel() - Method in class javax.swing.LookAndFeel

If the underlying platform has a "native" look and feel, and this is an implementation of it, return true.

isNativeLookAndFeel() - Method in class javax.swing.plaf.metal.MetalLookAndFeel

isNativeLookAndFeel() - Method in class javax.swing.plaf.multi.MultiLookAndFeel

isNavigationKey(int) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

Returns whether or not the supplied keyCode maps to a key that is used for navigation.

isNegative() - Method in interface java.security.acl.AclEntry

Returns true if this is a negative ACL entry (one denying the associated principal the set of permissions in the entry), false otherwise.

isNodeAncestor(TreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if anotherNode is an ancestor of this node -- if it is this node, this node's parent, or an ancestor of this node's parent.

isNodeChild(TreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if aNode is a child of this node.

isNodeDescendant(DefaultMutableTreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if anotherNode is a descendant of this node -- if it is this node, one of this node's children, or a descendant of one of this node's children.

isNodeRelated(DefaultMutableTreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if and only if aNode is in the same tree as this node.

insertText(String, int) - Method in class `java.awt.TextArea`

Deprecated. As of JDK version 1.1, replaced by `insert(String, int)`.

insertUpdate(AbstractDocument.DefaultDocumentEvent, AttributeSet) - Method in class `javax.swing.text.AbstractDocument`

Updates document structure as a result of text insertion.

insertUpdate(AbstractDocument.DefaultDocumentEvent, AttributeSet) - Method in class `javax.swing.text.PlainDocument`

Updates document structure as a result of text insertion.

insertUpdate(AbstractDocument.DefaultDocumentEvent, AttributeSet) - Method in class `javax.swing.text.DefaultStyledDocument`

Updates document structure as a result of text insertion.

insertUpdate(AbstractDocument.DefaultDocumentEvent, AttributeSet) - Method in class `javax.swing.text.html.HTMLDocument`

Updates document structure as a result of text insertion.

insertUpdate(DefaultStyledDocument.ElementSpec[]) - Method in class `javax.swing.text.DefaultStyledDocument.ElementBuffer`

Inserts an update into the document.

insertUpdate(DocumentEvent) - Method in interface `javax.swing.event.DocumentListener`

Gives notification that there was an insert into the document.

insertUpdate(DocumentEvent) - Method in class `javax.swing.text.JTextComponent.AccessibleJTextComponent`

Handles document insert (fire appropriate property change event which is `AccessibleContext.ACCESSIBLE_TEXT_PROPERTY`).

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.View`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.GlyphView`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.FlowView`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.PlainView`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.FieldView`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.WrappedPlainView`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(DocumentEvent, Shape, ViewFactory) - Method in class `javax.swing.text.ZoneView`

Gives notification that something was inserted into the document in a location that this view is responsible for.

insertUpdate(FlowView, DocumentEvent, Rectangle) - Method in class `javax.swing.text.FlowView.FlowStrategy`

Gives notification that something was inserted into the document in a location that the given flow view

is responsible for.

insetCache - Variable in class javax.swing.plaf.basic.BasicSliderUI

insets - Variable in class java.awt.GridBagConstraints

This field specifies the external padding of the component, the minimum amount of space between the component and the edges of its display area.

Insets - class java.awt.Insets.

An Insets object is a representation of the borders of a container.

insets() - Method in class java.awt.Container

*Deprecated. As of JDK version 1.1, replaced by getInsets().*

Insets(int, int, int, int) - Constructor for class java.awt.Insets

Creates and initializes a new Insets object with the specified top, left, bottom, and right insets.

InsetsUIResource - class javax.swing.plaf.InsetsUIResource

InsetsUIResource(int, int, int, int) - Constructor for class javax.swing.plaf.InsetsUIResource

inside(int, int) - Method in class java.awt.Component

*Deprecated. As of JDK version 1.1, replaced by contains(int, int).*

inside(int, int) - Method in class java.awt.Polygon

*Deprecated. As of JDK version 1.1, replaced by contains(int, int).*

inside(int, int) - Method in class java.awt.Rectangle

*Deprecated. As of JDK version 1.1, replaced by contains(int, int).*

insideBorder - Variable in class javax.swing.border.CompoundBorder

install(JEditorPane) - Method in class javax.swing.text.EditorKit

Called when the kit is being installed into the a JEditorPane.

install(JEditorPane) - Method in class javax.swing.text.StyledEditorKit

Called when the kit is being installed into a JEditorPane.

install(JEditorPane) - Method in class javax.swing.text.html.HTMLEditorKit

Called when the kit is being installed into the a JEditorPane.

install(JTextComponent) - Method in interface javax.swing.text.Highlighter

Called when the UI is being installed into the interface of a JTextComponent.

install(JTextComponent) - Method in class javax.swing.text.DefaultHighlighter

Called when the UI is being installed into the interface of a JTextComponent.

install(JTextComponent) - Method in class javax.swing.text.DefaultCaret

Called when the UI is being installed into the interface of a JTextComponent.

install(JTextComponent) - Method in interface javax.swing.text.Caret

Called when the UI is being installed into the interface of a JTextComponent.

installAncestorListener() - Method in class javax.swing.JComboBox

installBorder(JComponent, String) - Static method in class javax.swing.LookAndFeel

Convenience method for installing a component's default Border object on the specified component if either the border is currently null or already an instance of UIResource.

installChooserPanel(JColorChooser) - Method in class javax.swing.colorchooser.AbstractColorChooserPanel

Invoked when the panel is added to the chooser.

installColors(JComponent, String, String) - Static method in class javax.swing.LookAndFeel

Convenience method for initializing a component's foreground and background color properties with

values from the current defaults table.

installColorsAndFont(JComponent, String, String, String) - Static method in class javax.swing.LookAndFeel

Convenience method for initializing a components foreground background and font properties with values from the current defaults table.

installComboBoxListeners() - Method in class javax.swing.plaf.basic.BasicComboPopup

This method adds the necessary listeners to the JComboBox.

installComboBoxModelListeners(ComboBoxModel) - Method in class

javax.swing.plaf.basic.BasicComboPopup

installComponents() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI

installComponents() - Method in class javax.swing.plaf.basic.BasicScrollBarUI

installComponents() - Method in class javax.swing.plaf.basic.BasicToolBarUI

installComponents() - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

installComponents() - Method in class javax.swing.plaf.basic.BasicComboBoxUI

The editor and arrow button are added to the JComboBox here.

installComponents() - Method in class javax.swing.plaf.basic.BasicTreeUI

Intalls the subcomponents of the tree, which is the renderer pane.

installComponents() - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

installComponents() - Method in class javax.swing.plaf.metal.MetalDesktopIconUI

installComponents(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

installComponents(JFileChooser) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

installComponents(JLabel) - Method in class javax.swing.plaf.basic.BasicLabelUI

installComponents(JMenuItem) - Method in class javax.swing.plaf.basic.BasicMenuItemUI

installComponents(JRootPane) - Method in class javax.swing.plaf.basic.BasicRootPaneUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicTextUI

Initializes component properties, e.g.

installDefaults() - Method in class javax.swing.plaf.basic.BasicMenuItemUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicRadioButtonMenuItemUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicMenuUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicProgressBarUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicCheckBoxMenuItemUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicTableUI

    Initialize JTable properties, e.g.

installDefaults() - Method in class javax.swing.plaf.basic.BasicInternalFrameTitlePane

installDefaults() - Method in class javax.swing.plaf.basic.BasicScrollBarUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicToolBarUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicListUI

    Initialize JList properties, e.g.

installDefaults() - Method in class javax.swing.plaf.basic.BasicComboBoxUI

    Installs the default colors, default font, default renderer, and default editor into the JComboBox.

installDefaults() - Method in class javax.swing.plaf.basic.BasicTableHeaderUI

    Initialize JTableHeader properties, e.g.

installDefaults() - Method in class javax.swing.plaf.basic.BasicMenuBarUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicColorChooserUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicTreeUI

installDefaults() - Method in class javax.swing.plaf.basic.BasicSplitPaneUI

    Installs the UI defaults.

installDefaults() - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

installDefaults() - Method in class javax.swing.plaf.metal.MetalTabbedPaneUI

installDefaults() - Method in class javax.swing.plaf.metal.MetalInternalFrameTitlePane

installDefaults() - Method in class javax.swing.plaf.metal.MetalScrollBarUI

installDefaults() - Method in class javax.swing.plaf.metal.MetalDesktopIconUI

installDefaults(AbstractButton) - Method in class javax.swing.plaf.basic.BasicButtonUI

installDefaults(AbstractButton) - Method in class javax.swing.plaf.basic.BasicRadioButtonUI

installDefaults(AbstractButton) - Method in class javax.swing.plaf.metal.MetalToggleButtonUI

[installDefaults\(AbstractButton\)](#) - Method in class javax.swing.plaf.metal.[MetalRadioButtonUI](#)

[installDefaults\(AbstractButton\)](#) - Method in class javax.swing.plaf.metal.[MetalButtonUI](#)

[installDefaults\(AbstractButton\)](#) - Method in class javax.swing.plaf.metal.[MetalCheckBoxUI](#)

[installDefaults\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicViewportUI](#)

[installDefaults\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicToolTipUI](#)

[installDefaults\(JFileChooser\)](#) - Method in class javax.swing.plaf.basic.[BasicFileChooserUI](#)

[installDefaults\(JLabel\)](#) - Method in class javax.swing.plaf.basic.[BasicLabelUI](#)

[installDefaults\(JPanel\)](#) - Method in class javax.swing.plaf.basic.[BasicPanelUI](#)

[installDefaults\(JRootPane\)](#) - Method in class javax.swing.plaf.basic.[BasicRootPaneUI](#)

[installDefaults\(JScrollPane\)](#) - Method in class javax.swing.plaf.basic.[BasicScrollPaneUI](#)

[installDefaults\(JSeparator\)](#) - Method in class javax.swing.plaf.basic.[BasicSeparatorUI](#)

[installDefaults\(JSeparator\)](#) - Method in class javax.swing.plaf.basic.[BasicToolBarSeparatorUI](#)

[installDefaults\(JSeparator\)](#) - Method in class javax.swing.plaf.metal.[MetalSeparatorUI](#)

[installDefaults\(JSlider\)](#) - Method in class javax.swing.plaf.basic.[BasicSliderUI](#)

[installDesktopManager\(\)](#) - Method in class javax.swing.plaf.basic.[BasicDesktopPaneUI](#)

[installIcons\(JFileChooser\)](#) - Method in class javax.swing.plaf.basic.[BasicFileChooserUI](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicTextUI](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicEditorPaneUI](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicMenuItemUI](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicComboPopup](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicMenuUI](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicOptionPaneUI](#)

[installKeyboardActions\(\)](#) - Method in class javax.swing.plaf.basic.[BasicTabbedPaneUI](#)

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicTableUI

    Register all keyboard actions on the JTable.

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicScrollBarUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicToolBarUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicListUI

    Register keyboard actions for the up and down arrow keys.

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicComboBoxUI

    Adds keyboard actions to the JComboBox.

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicTableHeaderUI

    Register all keyboard actions on the JTableHeader.

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicMenuBarUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicTreeUI

installKeyboardActions() - Method in class javax.swing.plaf.basic.BasicSplitPaneUI

    Installs the keyboard actions for the UI.

installKeyboardActions() - Method in class javax.swing.plaf.metal.MetalInternalFrameUI

installKeyboardActions(AbstractButton) - Method in class javax.swing.plaf.basic.BasicButtonUI

installKeyboardActions(JComponent) - Method in class javax.swing.plaf.basic.BasicButtonListener

    Register default key actions: pressing space to "click" a button and registering the keyboard mnemonic (if any).

installKeyboardActions(JLabel) - Method in class javax.swing.plaf.basic.BasicLabelUI

installKeyboardActions(JRootPane) - Method in class javax.swing.plaf.basic.BasicRootPaneUI

installKeyboardActions(JScrollPane) - Method in class javax.swing.plaf.basic.BasicScrollPaneUI

installKeyboardActions(JSlider) - Method in class javax.swing.plaf.basic.BasicSliderUI

installListeners() - Method in class javax.swing.plaf.basic.BasicTextUI

    Installs listeners for the UI.

installListeners() - Method in class javax.swing.plaf.basic.BasicMenuItemUI

installListeners() - Method in class javax.swing.plaf.basic.BasicMenuUI

installListeners() - Method in class javax.swing.plaf.basic.BasicProgressBarUI

installListeners() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI

installListeners() - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

installListeners() - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

installListeners() - Method in class javax.swing.plaf.basic.BasicTableUI

    Attaches listeners to the JTable.

installListeners() - Method in class javax.swing.plaf.basic.BasicInternalFrameTitlePane

installListeners() - Method in class javax.swing.plaf.basic.BasicScrollBarUI

installListeners() - Method in class javax.swing.plaf.basic.BasicToolBarUI

installListeners() - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

installListeners() - Method in class javax.swing.plaf.basic.BasicListUI

    Create and install the listeners for the JList, its model, and its selectionModel.

installListeners() - Method in class javax.swing.plaf.basic.BasicComboBoxUI

    Attaches listeners to the JComboBox and JComboBoxModel.

installListeners() - Method in class javax.swing.plaf.basic.BasicTableHeaderUI

    Attaches listeners to the JTableHeader.

installListeners() - Method in class javax.swing.plaf.basic.BasicMenuBarUI

installListeners() - Method in class javax.swing.plaf.basic.BasicColorChooserUI

installListeners() - Method in class javax.swing.plaf.basic.BasicTreeUI

installListeners() - Method in class javax.swing.plaf.basic.BasicSplitPaneUI

    Installs the event listeners for the UI.

installListeners() - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

installListeners() - Method in class javax.swing.plaf.metal.MetalComboBoxUI

installListeners() - Method in class javax.swing.plaf.metal.MetalScrollBarUI

installListeners() - Method in class javax.swing.plaf.metal.MetalToolBarUI

installListeners(AbstractButton) - Method in class javax.swing.plaf.basic.BasicButtonUI

installListeners(JComponent) - Method in class javax.swing.plaf.basic.BasicToolTipUI

installListeners(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

installListeners(JFileChooser) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

installListeners(JLabel) - Method in class javax.swing.plaf.basic.BasicLabelUI

[installListeners\(JRootPane\)](#) - Method in class javax.swing.plaf.basic.[BasicRootPaneUI](#)

[installListeners\(JScrollPane\)](#) - Method in class javax.swing.plaf.basic.[BasicScrollPaneUI](#)

[installListeners\(JScrollPane\)](#) - Method in class javax.swing.plaf.metal.[MetalScrollPaneUI](#)

[installListeners\(JSeparator\)](#) - Method in class javax.swing.plaf.basic.[BasicSeparatorUI](#)

[installListeners\(JSlider\)](#) - Method in class javax.swing.plaf.basic.[BasicSliderUI](#)

[installListListeners\(\)](#) - Method in class javax.swing.plaf.basic.[BasicComboPopup](#)  
Called by configureList() to add the necessary listeners to the list.

[installLookAndFeel\(String, String\)](#) - Static method in class javax.swing.[UIManager](#)  
Creates a new look and feel and adds it to the current array.

[installLookAndFeel\(UIManager.LookAndFeelInfo\)](#) - Static method in class javax.swing.[UIManager](#)  
Adds the specified look and feel to the current array and then calls  
`UIManager.setInstalledLookAndFeels(javax.swing.UIManager.LookAndFeelInfo[])`.

[installMouseHandlers\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicInternalFrameUI](#)

[installNonRolloverBorders\(JComponent\)](#) - Method in class javax.swing.plaf.metal.[MetalToolBarUI](#)

[installNormalBorders\(JComponent\)](#) - Method in class javax.swing.plaf.metal.[MetalToolBarUI](#)

[installPreviewPanel\(\)](#) - Method in class javax.swing.plaf.basic.[BasicColorChooserUI](#)

[installRolloverBorders\(JComponent\)](#) - Method in class javax.swing.plaf.metal.[MetalToolBarUI](#)

[installStrings\(JFileChooser\)](#) - Method in class javax.swing.plaf.basic.[BasicFileChooserUI](#)

[installStrings\(JFileChooser\)](#) - Method in class javax.swing.plaf.metal.[MetalFileChooserUI](#)

[installTitlePane\(\)](#) - Method in class javax.swing.plaf.basic.[BasicInternalFrameTitlePane](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.[ComponentUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicTextUI](#)  
Installs the UI for a component.

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicSeparatorUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicMenuItemUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicButtonUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicProgressBarUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicOptionPaneUI](#)

Installs the receiver as the L&F for the passed in JOptionPane

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicTabbedPaneUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicPanelUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicPopupMenuUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicTableUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicViewportUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicToolTipUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicScrollBarUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicToolBarUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicFileChooserUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicInternalFrameUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicDesktopPaneUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicListUI](#)  
Initializes this.list by calling installDefaults(), installListeners(), and installKeyboardActions() in order.

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicLabelUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicComboBoxUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicTableHeaderUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicMenuBarUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicColorChooserUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicTreeUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI](#)  
Installs the UI.

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicScrollPaneUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicRootPaneUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicDesktopIconUI](#)

[installUI\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicSliderUI](#)

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalTreeUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalTextFieldUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalInternalFrameUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalComboBoxUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalSliderUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalToolBarUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalScrollPaneUI

installUI(JComponent) - Method in class javax.swing.plaf.metal.MetalToolTipUI

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiListUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiSeparatorUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiLabelUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiPopupMenuUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiPanelUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiScrollBarUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiTextUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiComboBoxUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiTableHeaderUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiFileChooserUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiColorChooserUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiTreeUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiViewportUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiTabbedPaneUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiProgressBarUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiScrollPaneUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiOptionPaneUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiSplitPaneUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiButtonUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiToolBarUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiSliderUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiDesktopPaneUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiTableUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiDesktopIconUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiMenuItemUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiInternalFrameUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiToolTipUI

Call installUI on each UI handled by this MultiUI.

installUI(JComponent) - Method in class javax.swing.plaf.multi.MultiMenuBarUI

Call installUI on each UI handled by this MultiUI.

instanceFollowRedirects - Variable in class java.net.HttpURLConnection

If true, the protocol will automatically follow redirects.

instantiate(ClassLoader, String) - Static method in class java.beans.Beans

Instantiate a JavaBean.

instantiate(ClassLoader, String, BeanContext) - Static method in class java.beans.Beans

Instantiate a JavaBean.

instantiate(ClassLoader, String, BeanContext, AppletInitializer) - Static method in class java.beans.Beans

Instantiate a bean.

instantiateChild(String) - Method in class java.beans.beancontext.BeanContextSupport

The instantiateChild method is a convenience hook in BeanContext to simplify the task of instantiating a Bean, nested, into a BeanContext.

instantiateChild(String) - Method in interface java.beans.beancontext.BeanContext

Instantiate the javaBean named as a child of this BeanContext.

InstantiationException - error java.langInstantiationException.

Thrown when an application tries to use the Java new construct to instantiate an abstract class or an interface.

InstantiationException() - Constructor for class java.langInstantiationException

Constructs an `InstantiationException` with no detail message.

InstantiationException(String) - Constructor for class java.langInstantiationException

Constructs an `InstantiationException` with the specified detail message.

[InstantiationException](#) - exception `java.lang.InstantiationException`.

Thrown when an application tries to create an instance of a class using the `newInstance` method in class `Class`, but the specified class object cannot be instantiated because it is an interface or is an abstract class.

[InstantiationException\(\)](#) - Constructor for class `java.lang.InstantiationException`

Constructs an `InstantiationException` with no detail message.

[InstantiationException\(String\)](#) - Constructor for class `java.lang.InstantiationException`

Constructs an `InstantiationException` with the specified detail message.

[Instrument](#) - class `javax.sound.midi.Instrument`.

An instrument is a sound-synthesis algorithm with certain parameter settings, usually designed to emulate a specific real-world musical instrument or to achieve a specific sort of sound effect.

[Instrument\(Soundbank, Patch, String, Class\)](#) - Constructor for class `javax.sound.midi.Instrument`

Constructs a new MIDI instrument from the specified sound bank, bank index, and program index.

[InsufficientResourcesException](#) - exception `javax.naming.InsufficientResourcesException`.

This exception is thrown when resources are not available to complete the requested operation.

[InsufficientResourcesException\(\)](#) - Constructor for class `javax.naming.InsufficientResourcesException`

Constructs a new instance of `InsufficientResourcesException` with all name resolution fields and explanation initialized to null.

[InsufficientResourcesException\(String\)](#) - Constructor for class `javax.naming.InsufficientResourcesException`

Constructs a new instance of `InsufficientResourcesException` using an explanation.

[insureRowContinuity\(\)](#) - Method in class `javax.swing.tree.DefaultTreeSelectionModel`

Makes sure the currently selected TreePaths are valid for the current selection mode.

[insureUniqueness\(\)](#) - Method in class `javax.swing.tree.DefaultTreeSelectionModel`

This method is obsolete and its implementation is now a noop.

[intBitsToFloat\(int\)](#) - Static method in class `java.lang.Float`

Returns the single-float corresponding to a given bit representation.

[Integer](#) - class `java.lang.Integer`.

The `Integer` class wraps a value of the primitive type `int` in an object.

[INTEGER](#) - Static variable in class `java.sql.Types`

The constant in the Java programming language, sometimes referred to as a type code, that identifies the generic SQL type `INTEGER`.

[INTEGER\\_FIELD](#) - Static variable in class `java.text.NumberFormat`

Field constant used to construct a `FieldPosition` object.

[Integer\(int\)](#) - Constructor for class `java.lang.Integer`

Constructs a newly allocated `Integer` object that represents the primitive `int` argument.

[Integer\(String\)](#) - Constructor for class `java.lang.Integer`

Constructs a newly allocated `Integer` object that represents the value represented by the string.

[INTERFACE](#) - Static variable in class `java.lang.reflect.Modifier`

The `int` value representing the `interface` modifier.

[intern\(\)](#) - Method in class `java.lang.String`

Returns a canonical representation for the string object.

[INTERNAL](#) - exception `org.omg.CORBA.INTERNAL`.

The CORBA `INTERNAL` exception, which is thrown when there is an ORB internal error.

[INTERNAL\\_CLOCK](#) - Static variable in class `javax.sound.midi.Sequencer.SyncMode`

A master synchronization mode that makes the sequencer get its timing information from its internal clock.

INTERNAL\_FRAME - Static variable in class javax.accessibility.AccessibleRole

A frame-like object that is clipped by a desktop pane.

INTERNAL\_FRAME\_ACTIVATED - Static variable in class javax.swing.event.InternalFrameEvent

The window activated event type.

INTERNAL\_FRAME\_CLOSED - Static variable in class javax.swing.event.InternalFrameEvent

The window closed event.

INTERNAL\_FRAME\_CLOSING - Static variable in class javax.swing.event.InternalFrameEvent

The "window is closing" event.

INTERNAL\_FRAME\_DEACTIVATED - Static variable in class javax.swing.event.InternalFrameEvent

The window deactivated event type.

INTERNAL\_FRAME\_DEICONIFIED - Static variable in class javax.swing.event.InternalFrameEvent

The window deiconified event type.

INTERNAL\_FRAME\_FIRST - Static variable in class javax.swing.event.InternalFrameEvent

The first number in the range of ids used for window events.

INTERNAL\_FRAME\_ICONIFIED - Static variable in class javax.swing.event.InternalFrameEvent

The window iconified event.

INTERNAL\_FRAME\_LAST - Static variable in class javax.swing.event.InternalFrameEvent

The last number in the range of ids used for window events.

INTERNAL\_FRAME\_OPENED - Static variable in class javax.swing.event.InternalFrameEvent

The window opened event.

INTERNAL() - Constructor for class org.omg.CORBA.INTERNAL

Constructs an INTERNAL exception with a default minor code of 0 and a completion state of COMPLETED\_MAYBE.

INTERNAL(int, CompletionStatus) - Constructor for class org.omg.CORBA.INTERNAL

Constructs an INTERNAL exception with the specified minor code and completion status.

INTERNAL(String) - Constructor for class org.omg.CORBA.INTERNAL

Constructs an INTERNAL exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

INTERNAL(String, int, CompletionStatus) - Constructor for class org.omg.CORBA.INTERNAL

Constructs an INTERNAL exception with the specified detail message, minor code, and completion status.

InternalError - error java.lang.InternalError.

Thrown to indicate some unexpected internal error has occurred in the Java Virtual Machine.

InternalError() - Constructor for class java.lang.InternalError

Constructs an InternalError with no detail message.

InternalError(String) - Constructor for class java.lang.InternalError

Constructs an InternalError with the specified detail message.

internalFrameActivated(InternalFrameEvent) - Method in class javax.swing.event.InternalFrameAdapter

Invoked when an internal frame is activated.

internalFrameActivated(InternalFrameEvent) - Method in interface javax.swing.event.InternalFrameListener

Invoked when an internal frame is activated.

internalFrameActivated(InternalFrameEvent) - Method in class

javax.swing.plaf.basic.BasicInternalFrameUI.BasicInternalFrameListener

InternalFrameAdapter - class javax.swing.event.InternalFrameAdapter.

An abstract adapter class for receiving internal frame events.

InternalFrameAdapter() - Constructor for class javax.swing.event.InternalFrameAdapter

[internalFrameClosed\(InternalFrameEvent\)](#) - Method in class javax.swing.event.[InternalFrameAdapter](#)  
Invoked when an internal frame has been closed.

[internalFrameClosed\(InternalFrameEvent\)](#) - Method in interface javax.swing.event.[InternalFrameListener](#)  
Invoked when an internal frame has been closed.

[internalFrameClosed\(InternalFrameEvent\)](#) - Method in class  
javax.swing.plaf.basic.[BasicInternalFrameUI](#).[BasicInternalFrameListener](#)

[internalFrameClosing\(InternalFrameEvent\)](#) - Method in class javax.swing.event.[InternalFrameAdapter](#)  
Invoked when an internal frame is in the process of being closed.

[internalFrameClosing\(InternalFrameEvent\)](#) - Method in interface javax.swing.event.[InternalFrameListener](#)  
Invoked when an internal frame is in the process of being closed.

[internalFrameClosing\(InternalFrameEvent\)](#) - Method in class  
javax.swing.plaf.basic.[BasicInternalFrameUI](#).[BasicInternalFrameListener](#)

[internalFrameDeactivated\(InternalFrameEvent\)](#) - Method in class javax.swing.event.[InternalFrameAdapter](#)  
Invoked when an internal frame is de-activated.

[internalFrameDeactivated\(InternalFrameEvent\)](#) - Method in interface javax.swing.event.[InternalFrameListener](#)  
Invoked when an internal frame is de-activated.

[internalFrameDeactivated\(InternalFrameEvent\)](#) - Method in class  
javax.swing.plaf.basic.[BasicInternalFrameUI](#).[BasicInternalFrameListener](#)

[internalFrameDeiconified\(InternalFrameEvent\)](#) - Method in class javax.swing.event.[InternalFrameAdapter](#)  
Invoked when an internal frame is de-iconified.

[internalFrameDeiconified\(InternalFrameEvent\)](#) - Method in interface javax.swing.event.[InternalFrameListener](#)  
Invoked when an internal frame is de-iconified.

[internalFrameDeiconified\(InternalFrameEvent\)](#) - Method in class  
javax.swing.plaf.basic.[BasicInternalFrameUI](#).[BasicInternalFrameListener](#)

[InternalFrameEvent](#) - class javax.swing.event.[InternalFrameEvent](#).

InternalFrameEvent: an AWTEvent which adds support for JInternalFrame objects as the event source.

[InternalFrameEvent\(JInternalFrame, int\)](#) - Constructor for class javax.swing.event.[InternalFrameEvent](#)  
Constructs a InternalFrameEvent object.

[internalFrameIconified\(InternalFrameEvent\)](#) - Method in class javax.swing.event.[InternalFrameAdapter](#)  
Invoked when an internal frame is iconified.

[internalFrameIconified\(InternalFrameEvent\)](#) - Method in interface javax.swing.event.[InternalFrameListener](#)  
Invoked when an internal frame is iconified.

[internalFrameIconified\(InternalFrameEvent\)](#) - Method in class  
javax.swing.plaf.basic.[BasicInternalFrameUI](#).[BasicInternalFrameListener](#)

[internalFrameLayout](#) - Variable in class javax.swing.plaf.basic.[BasicInternalFrameUI](#)

[InternalFrameListener](#) - interface javax.swing.event.[InternalFrameListener](#).

The listener interface for receiving internal frame events.

[internalFrameOpened\(InternalFrameEvent\)](#) - Method in class javax.swing.event.[InternalFrameAdapter](#)  
Invoked when an internal frame has been opened.

[internalFrameOpened\(InternalFrameEvent\)](#) - Method in interface javax.swing.event.[InternalFrameListener](#)  
Invoked when a internal frame has been opened.

internalFrameOpened(InternalFrameEvent) - Method in class  
javax.swing.plaf.basic.BasicInternalFrameUI.BasicInternalFrameListener

InternalFrameUI - class javax.swing.plaf.InternalFrameUI.

Pluggable look and feel interface for JInternalFrame.

InternalFrameUI() - Constructor for class javax.swing.plaf.InternalFrameUI

internalGet(int) - Method in class java.util.Calendar

Gets the value for a given time field.

interrupt() - Method in class java.lang.ThreadGroup

Interrupts all threads in this thread group.

interrupt() - Method in class java.lang.Thread

Interrupts this thread.

interrupted() - Static method in class java.lang.Thread

Tests whether the current thread has been interrupted.

InterruptedException - exception java.lang.InterruptedException.

Thrown when a thread is waiting, sleeping, or otherwise paused for a long time and another thread  
interrupts it using the `interrupt` method in class Thread.

InterruptedException() - Constructor for class java.lang.InterruptedException

Constructs an InterruptedException with no detail message.

InterruptedException(String) - Constructor for class java.lang.InterruptedException

Constructs an InterruptedException with the specified detail message.

InterruptedIOException - exception java.io.InterruptedIOException.

Signals that an I/O operation has been interrupted.

InterruptedIOException() - Constructor for class java.io.InterruptedIOException

Constructs an InterruptedIOException with null as its error detail message.

InterruptedIOException(String) - Constructor for class java.io.InterruptedIOException

Constructs an InterruptedIOException with the specified detail message.

InterruptedNamingException - exception javax.naming.InterruptedNamingException.

This exception is thrown when the naming operation being invoked has been interrupted.

InterruptedNamingException() - Constructor for class javax.naming.InterruptedNamingException

Constructs an instance of InterruptedNamingException with all name resolution fields and explanation  
initialized to null.

InterruptedNamingException(String) - Constructor for class javax.naming.InterruptedNamingException

Constructs an instance of InterruptedNamingException using an explanation of the problem.

intersect(Area) - Method in class java.awt.geom.Area

Sets the shape of this Area to the intersection of its current shape and the shape of the specified Area.

intersect(Rectangle2D, Rectangle2D, Rectangle2D) - Static method in class java.awt.geom.Rectangle2D

Intersects the pair of specified source Rectangle2D objects and puts the result into the specified  
destination Rectangle2D object.

intersection(Rectangle) - Method in class java.awt.Rectangle

Computes the intersection of this Rectangle with the specified Rectangle.

intersects(double, double, double, double) - Method in class java.awt.Polygon

Tests if the interior of this Polygon intersects the interior of a specified set of rectangular coordinates.

intersects(double, double, double, double) - Method in interface java.awt.Shape

Tests if the interior of the Shape intersects the interior of a specified rectangular area.

intersects(double, double, double, double) - Method in class java.awt.geom.Rectangle2D

Tests if the interior of this `Rectangle2D` intersects the interior of a specified set of rectangular coordinates.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.RoundRectangle2D`

Tests if the interior of this `RoundRectangle2D` intersects the interior of a specified set of rectangular coordinates.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.Area`

Tests whether the interior of this `Area` object intersects the interior of the specified rectangular area.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.Line2D`

Tests if this `Line2D` intersects the interior of a specified set of rectangular coordinates.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.Arc2D`

Determines whether or not the interior of the arc intersects the interior of the specified rectangle.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.Ellipse2D`

Tests if the interior of this `Ellipse2D` intersects the interior of a specified rectangular area.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.GeneralPath`

Tests if the interior of this `Shape` intersects the interior of a specified set of rectangular coordinates.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.QuadCurve2D`

Tests if the shape of this `QuadCurve2D` intersects the interior of a specified set of rectangular coordinates.

[intersects\(double, double, double, double\)](#) - Method in class `java.awt.geom.CubicCurve2D`

Tests if the shape intersects the interior of a specified set of rectangular coordinates.

[intersects\(Rectangle\)](#) - Method in class `java.awt.Rectangle`

Determines whether or not this `Rectangle` and the specified `Rectangle` intersect.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.Polygon`

Tests if the interior of this `Polygon` intersects the interior of a specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in interface `java.awt.Shape`

Tests if the interior of the `Shape` intersects the interior of a specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.geom.RectangularShape`

Tests if the interior of the `Shape` intersects the interior of a specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.geom.Area`

Tests whether the interior of this `Area` object intersects the interior of the specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.geom.Line2D`

Tests if this `Line2D` intersects the interior of a specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.geom.GeneralPath`

Tests if the interior of this `Shape` intersects the interior of a specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.geom.QuadCurve2D`

Tests if the shape of this `QuadCurve2D` intersects the interior of a specified `Rectangle2D`.

[intersects\(Rectangle2D\)](#) - Method in class `java.awt.geom.CubicCurve2D`

Tests if the shape intersects the interior of a specified `Rectangle2D`.

[intersectsLine\(double, double, double, double\)](#) - Method in class `java.awt.geom.Rectangle2D`

Tests if the specified line segment intersects the interior of this `Rectangle2D`.

[intersectsLine\(double, double, double, double\)](#) - Method in class `java.awt.geom.Line2D`

Tests if the line segment from (X1, Y1) to (X2, Y2) intersects this line segment.

[intersectsLine\(Line2D\)](#) - Method in class `java.awt.geom.Rectangle2D`

Tests if the specified line segment intersects the interior of this `Rectangle2D`.

[intersectsLine\(Line2D\)](#) - Method in class `java.awt.geom.Line2D`

Tests if the specified line segment intersects this line segment.

[INTERVAL\\_ADDED](#) - Static variable in class `javax.swing.event.ListDataEvent`

Identifies the addition of one or more contiguous items to the list

INTERVAL\_REMOVED - Static variable in class javax.swing.event.ListDataEvent

Identifies the removal of one or more contiguous items from the list

intervalAdded(ListDataEvent) - Method in class javax.swing.JComboBox

Invoked items have been added to the internal data model.

intervalAdded(ListDataEvent) - Method in class javax.swing.JList.AccessibleJList

List Data Listener interval added method.

intervalAdded(ListDataEvent) - Method in interface javax.swing.event.ListDataListener

Sent after the indices in the index0,index1 interval have been inserted in the data model.

intervalAdded(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicComboPopup.ListDataHandler

intervalAdded(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicListUI.ListDataHandler

intervalAdded(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicComboBoxUI.ListDataHandler

intervalAdded(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicDirectoryModel

intervalRemoved(ListDataEvent) - Method in class javax.swing.JComboBox

Invoked when values have been removed from the data model.

intervalRemoved(ListDataEvent) - Method in class javax.swing.JList.AccessibleJList

List Data Listener interval removed method.

intervalRemoved(ListDataEvent) - Method in interface javax.swing.event.ListDataListener

Sent after the indices in the index0,index1 interval have been removed from the data model.

intervalRemoved(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicComboPopup.ListDataHandler

intervalRemoved(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicListUI.ListDataHandler

intervalRemoved(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicComboBoxUI.ListDataHandler

intervalRemoved(ListDataEvent) - Method in class javax.swing.plaf.basic.BasicDirectoryModel

INTF\_REPO - exception org.omg.CORBA.INTF\_REPO.

The CORBA INTF\_REPO exception, which is thrown when there is an error accessing the interface repository.

INTF\_REPO() - Constructor for class org.omg.CORBA.INTF\_REPO

Constructs an INTF\_REPO exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

INTF\_REPO(int, CompletionStatus) - Constructor for class org.omg.CORBA.INTF\_REPO

Constructs an INTF\_REPO exception with the specified minor code and completion status.

INTF\_REPO(String) - Constructor for class org.omg.CORBA.INTF\_REPO

Constructs an INTF\_REPO exception with the specified detail.

INTF\_REPO(String, int, CompletionStatus) - Constructor for class org.omg.CORBA.INTF\_REPO

Constructs an INTF\_REPO exception with the specified detail message, minor code, and completion status.

IntHolder - class org.omg.CORBA.IntHolder.

A Holder class for an int that is used to store "out" and "inout" parameters in IDL methods.

IntHolder() - Constructor for class org.omg.CORBA.IntHolder

Constructs a new IntHolder object with its value field initialized to 0.

IntHolder(int) - Constructor for class org.omg.CORBA.IntHolder

Constructs a new IntHolder object with its value field initialized to the given int.

intKey() - Method in class java.awt.RenderingHints.Key

Returns the private integer key that the subclass instantiated this Key with.

IntrospectionException - exception java.beans.IntrospectionException

Thrown when an exception happens during Introspection.

IntrospectionException(String) - Constructor for class java.beans.IntrospectionException

Constructs an IntrospectionException with a detailed message.

Introspector - class java.beans.Introspector

The Introspector class provides a standard way for tools to learn about the properties, events, and methods supported by a target Java Bean.

intValue() - Method in class java.lang.Number

Returns the value of the specified number as an int.

intValue() - Method in class java.lang.Long

Returns the value of this Long as an int.

intValue() - Method in class java.lang.Short

Returns the value of this Short as an int.

intValue() - Method in class java.lang.Float

Returns the integer value of this Float (by casting to an int).

intValue() - Method in class java.lang.Integer

Returns the value of this Integer as an int.

intValue() - Method in class java.lang.Byte

Returns the value of this Byte as an int.

intValue() - Method in class java.lang.Double

Returns the integer value of this Double (by casting to an int).

intValue() - Method in class java.math.BigInteger

Converts this BigInteger to an int.

intValue() - Method in class java.math.BigDecimal

Converts this BigDecimal to an int.

INV\_FLAG - exception org.omg.CORBA.INV\_FLAG

The CORBA INV\_FLAG exception, which is thrown when an invalid flag is specified.

INV\_FLAG() - Constructor for class org.omg.CORBA.INV\_FLAG

Constructs an INV\_FLAG exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

INV\_FLAG(int, CompletionStatus) - Constructor for class org.omg.CORBA.INV\_FLAG

Constructs an INV\_FLAG exception with the specified minor code and completion status.

INV\_FLAG(String) - Constructor for class org.omg.CORBA.INV\_FLAG

Constructs an INV\_FLAG exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

INV\_FLAG(String, int, CompletionStatus) - Constructor for class org.omg.CORBA.INV\_FLAG

Constructs an INV\_FLAG exception with the specified detail message, minor code, and completion status.

INV\_IDENT - exception org.omg.CORBA.INV\_IDENT

The CORBA INV\_IDENT exception, which is thrown when identifier syntax is invalid.

INV\_IDENT() - Constructor for class org.omg.CORBA.INV\_IDENT

Constructs an INV\_IDENT exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

[INV\\_IDENT\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[INV\\_IDENT](#)

Constructs an INV\_IDENT exception with the specified minor code and completion status.

[INV\\_IDENT\(String\)](#) - Constructor for class org.omg.CORBA.[INV\\_IDENT](#)

Constructs an INV\_IDENT exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

[INV\\_IDENT\(String, int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[INV\\_IDENT](#)

Constructs an INV\_IDENT exception with the specified detail message, minor code, and completion status.

[INV\\_OBJREF](#) - exception org.omg.CORBA.[INV\\_OBJREF](#).

The CORBA INV\_OBJREF exception, which is thrown when an invalid object reference is specified.

[INV\\_OBJREF\(\)](#) - Constructor for class org.omg.CORBA.[INV\\_OBJREF](#)

Constructs an INV\_OBJREF exception with a default minor code of 0 and a completion state of COMPLETED\_MAYBE.

[INV\\_OBJREF\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[INV\\_OBJREF](#)

Constructs an INV\_OBJREF exception with the specified minor code and completion status.

[INV\\_OBJREF\(String\)](#) - Constructor for class org.omg.CORBA.[INV\\_OBJREF](#)

Constructs an INV\_OBJREF exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

[INV\\_OBJREF\(String, int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[INV\\_OBJREF](#)

Constructs an INV\_OBJREF exception with the specified detail message, minor code, and completion status.

[INV\\_POLICY](#) - exception org.omg.CORBA.[INV\\_POLICY](#).

The CORBA INV\_POLICY standard exception, which is thrown when an invocation cannot be made because of an incompatibility between Policy overrides.

[INV\\_POLICY\(\)](#) - Constructor for class org.omg.CORBA.[INV\\_POLICY](#)

Constructs a INV\_POLICY exception with a default minor code of 0, a completion state of CompletionStatus.COMPLETED\_NO, and a null description.

[INV\\_POLICY\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[INV\\_POLICY](#)

Constructs a INV\_POLICY exception with the specified minor code and completion status.

[INV\\_POLICY\(String\)](#) - Constructor for class org.omg.CORBA.[INV\\_POLICY](#)

Constructs a INV\_POLICY exception with the specified description message, a minor code of 0, and a completion state of COMPLETED\_NO.

[INV\\_POLICY\(String, int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[INV\\_POLICY](#)

Constructs a INV\_POLICY exception with the specified description message, minor code, and completion status.

[Invalid](#) - exception org.omg.CORBA.DynAnyPackage.[Invalid](#).

Invalid is thrown by dynamic any operations when a bad DynAny or Any is passed as a parameter.

[INVALID\\_TRANSACTION](#) - exception org.omg.CORBA.[INVALID\\_TRANSACTION](#).

The CORBA INVALID\_TRANSACTION exception, which is thrown when there is a transaction error.

[INVALID\\_TRANSACTION\(\)](#) - Constructor for class org.omg.CORBA.[INVALID\\_TRANSACTION](#)

Constructs an INVALID\_TRANSACTION exception with a default minor code of 0 and a completion state of COMPLETED\_MAYBE.

[INVALID\\_TRANSACTION\(int, CompletionStatus\)](#) - Constructor for class

org.omg.CORBA.[INVALID\\_TRANSACTION](#)

Constructs an INVALID\_TRANSACTION exception with the specified minor code and completion status.

[INVALID\\_TRANSACTION\(String\)](#) - Constructor for class org.omg.CORBA.[INVALID\\_TRANSACTION](#)

Constructs an INVALID\_TRANSACTION exception with the specified detail message.

isNodeSibling(TreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if another node is a sibling of (has the same parent as) this node.

isNullable(int) - Method in interface java.sql.ResultSetMetaData

Indicates the nullability of values in the designated column.

ISO\_2A0 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS 2A0, 1189 x 1682 mm.

ISO\_4A0 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS 4A0, 1682 x 2378 mm.

ISO\_A0 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A0, 841 x 1189 mm.

ISO\_A1 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A1, 594 x 841 mm.

ISO\_A10 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A10, 26 x 37 mm.

ISO\_A2 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A2, 420 x 594 mm.

ISO\_A3 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A3, 297 x 420 mm.

ISO\_A4 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A4, 210 x 297 mm.

ISO\_A5 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A5, 148 x 210 mm.

ISO\_A6 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A6, 105 x 148 mm.

ISO\_A7 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A7, 74 x 105 mm.

ISO\_A8 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A8, 52 x 74 mm.

ISO\_A9 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN & JIS A9, 37 x 52 mm.

ISO\_B0 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B0, 1000 x 1414 mm.

ISO\_B1 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B1, 707 x 1000 mm.

ISO\_B10 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B10, 31 x 44 mm.

ISO\_B2 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B2, 500 x 707 mm.

ISO\_B3 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B3, 353 x 500 mm.

ISO\_B4 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B4, 250 x 353 mm.

ISO\_B4\_ENVELOPE - Static variable in class java.awt.PageAttributes.MediaType

An alias for ISO\_B4.

ISO\_B5 - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for ISO/DIN B5, 176 x 250 mm.

ISO\_B5\_ENVELOPE - Static variable in class java.awt.PageAttributes.MediaType

- An alias for ISO\_B5.
- [ISO\\_B6](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN B6, 125 x 176 mm.
- [ISO\\_B7](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN B7, 88 x 125 mm.
- [ISO\\_B8](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN B8, 62 x 88 mm.
- [ISO\\_B9](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN B9, 44 x 62 mm.
- [ISO\\_C0](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C0, 917 x 1297 mm.
- [ISO\\_C0\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C0.
- [ISO\\_C1](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C1, 648 x 917 mm.
- [ISO\\_C1\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C1.
- [ISO\\_C10](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C10, 28 x 40 mm.
- [ISO\\_C10\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C10.
- [ISO\\_C2](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C2, 458 x 648 mm.
- [ISO\\_C2\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C2.
- [ISO\\_C3](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C3, 324 x 458 mm.
- [ISO\\_C3\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C3.
- [ISO\\_C4](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C4, 229 x 324 mm.
- [ISO\\_C4\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C4.
- [ISO\\_C5](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C5, 162 x 229 mm.
- [ISO\\_C5\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C5.
- [ISO\\_C6](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C6, 114 x 162 mm.
- [ISO\\_C6\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C6.
- [ISO\\_C7](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C7, 81 x 114 mm.
- [ISO\\_C7\\_ENVELOPE](#) - Static variable in class java.awt.PageAttributes.MediaType  
An alias for ISO\_C7.
- [ISO\\_C8](#) - Static variable in class java.awt.PageAttributes.MediaType  
The MediaType instance for ISO/DIN C8, 57 x 81 mm.

[ISO\\_C8\\_ENVELOPE](#) - Static variable in class `java.awt.PageAttributes.MediaType`

An alias for ISO\_C8.

[ISO\\_C9](#) - Static variable in class `java.awt.PageAttributes.MediaType`

The MediaType instance for ISO/DIN C9, 40 x 57 mm.

[ISO\\_C9\\_ENVELOPE](#) - Static variable in class `java.awt.PageAttributes.MediaType`

An alias for ISO\_C9.

[ISO\\_DESIGNATED\\_LONG](#) - Static variable in class `java.awt.PageAttributes.MediaType`

The MediaType instance for ISO Designated Long, 110 x 220 mm.

[ISO\\_DESIGNATED\\_LONG\\_ENVELOPE](#) - Static variable in class `java.awt.PageAttributes.MediaType`

An alias for ISO\_DESIGNATED\_LONG.

[isOneTouchExpandable\(\)](#) - Method in class `javax.swing.JSplitPane`

Returns true if the pane provides a UI widget to collapse/expand the divider.

[isOnKeyRelease\(\)](#) - Method in class `javax.swing.KeyStroke`

Returns true if this keystroke is active on key release.

[isOpaque\(\)](#) - Method in class `java.awt.Component`

Returns true if this component is completely opaque, returns false by default.

[isOpaque\(\)](#) - Method in class `javax.swing.JComponent`

Returns true if this component is completely opaque.

[isOpaque\(\)](#) - Method in class `javax.swing.JDesktopPane`

Returns true to indicate that this component paints every pixel in its range.

[isOpaque\(\)](#) - Method in class `javax.swing.plaf.basic.BasicInternalFrameTitlePane.SystemMenuBar`

[isOpen\(\)](#) - Method in interface `javax.sound.sampled.Line`

Indicates whether the line is open, meaning that it has reserved system resources and is operational, although it might not currently be playing or capturing sound.

[isOpen\(\)](#) - Method in interface `javax.sound.midi.MidiDevice`

Reports whether the device is open.

[isOptimizedDrawingEnabled\(\)](#) - Method in class `javax.swing.JComponent`

Returns true if this component tiles its children -- that is, if it can guarantee that the children will not overlap.

[isOptimizedDrawingEnabled\(\)](#) - Method in class `javax.swing.JViewport`

The JViewport overrides the default implementation of this method (in JComponent) to return false.

[isOptimizedDrawingEnabled\(\)](#) - Method in class `javax.swing.JLayeredPane`

Returns false if components in the pane can overlap, which makes optimized drawing impossible.

[isOptimizedDrawingEnabled\(\)](#) - Method in class `javax.swing.JRootPane`

The GlassPane and ContentPane have the same bounds, which means JRootPane does not tile its children and this should return false.

[isOrdered\(\)](#) - Method in class `javax.naming.directory.BasicAttribute`

[isOrdered\(\)](#) - Method in interface `javax.naming.directory.Attribute`

Determines whether this attribute's values are ordered.

[isOwner\(Principal\)](#) - Method in interface `java.security.acl.Owner`

Returns true if the given principal is an owner of the ACL.

[isPaintable\(\)](#) - Method in interface `java.beans.PropertyEditor`

Determines whether this property editor is paintable.

[isPaintable\(\)](#) - Method in class `java.beans.PropertyEditorSupport`

Determines whether the class will honor the painValue method.

isPaintingTile() - Method in class javax.swing.JComponent

Returns true if the receiving component is currently painting a tile.

isPalette - Variable in class javax.swing.plaf.metal.MetalInternalFrameTitlePane

isParameter() - Method in class javax.swing.text.html.parser.Entity

Return true if it is a parameter entity.

isParseIntegerOnly() - Method in class java.text.NumberFormat

Returns true if this format will parse numbers as integers only.

isPathEditable(TreePath) - Method in class javax.swing.JTree

Returns isEditable.

isPathSelected(TreePath) - Method in class javax.swing.JTree

Returns true if the item identified by the path is currently selected.

isPathSelected(TreePath) - Method in class javax.swing.tree.DefaultTreeSelectionModel

Returns true if the path, path, is in the current selection.

isPathSelected(TreePath) - Method in interface javax.swing.tree.TreeSelectionModel

Returns true if the path, path, is in the current selection.

isPlain() - Method in class java.awt.Font

Indicates whether or not this Font object's style is PLAIN.

isPolygonal() - Method in class java.awt.geom.Area

Tests whether this Area consists entirely of straight edged polygonal geometry.

isPopupMenuVisible() - Method in class javax.swing.JMenu

Returns true if the menu's popup window is visible.

isPopupTrigger() - Method in class java.awt.event.MouseEvent

Returns whether or not this mouse event is the popup-menu trigger event for the platform.

isPopupTrigger(MouseEvent) - Method in class javax.swing.JPopupMenu

Returns true if the MouseEvent is considered a popup trigger by the JPopupMenu's currently installed UI.

isPopupTrigger(MouseEvent) - Method in class javax.swing.plaf.PopupMenuUI

isPopupTrigger(MouseEvent) - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

isPopupVisible() - Method in class javax.swing.JComboBox

Determines the visibility of the popup.

isPopupVisible(JComboBox) - Method in class javax.swing.plaf.ComboBoxUI

Determine the visibility of the popup

isPopupVisible(JComboBox) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

Tells if the popup is visible or not.

isPopupVisible(JComboBox) - Method in class javax.swing.plaf.multi.MultiComboBoxUI

Call isPopupVisible on each UI handled by this MultiUI.

isPreferred() - Method in class java.beans.FeatureDescriptor

The "preferred" flag is used to identify features that are particularly important for presenting to humans.

isPreferredSizeSet() - Method in class javax.swing.JComponent

Returns true if the preferred size has been set to a non-null value otherwise returns false.

isPreformatted() - Method in class javax.swing.text.html.HTML.Tag

isPreformatted() - Method in class javax.swing.text.html.parser.TagElement

isPressed() - Method in interface javax.swing.ButtonModel

Indicates if button has been pressed.
<u>isPressed()</u> - Method in class javax.swing.DefaultButtonModel
Indicates if button has been pressed.
<u>isPrimitive()</u> - Method in class java.io.ObjectStreamField
Return true if this field has a primitive type.
<u>isPrimitive()</u> - Method in class java.lang.Class
Determines if the specified Class object represents a primitive type.
<u>isPrivate(int)</u> - Static method in class java.lang.reflect.Modifier
Return true if the specifier integer includes the private modifier.
<u>isProbablePrime(int)</u> - Method in class java.math.BigInteger
Returns true if this BigInteger is probably prime, false if it's definitely composite.
<u>isPropagated()</u> - Method in class java.beans.beancontext.BeanContextEvent
Reports whether or not this event is propagated from some other BeanContext.
<u>isProtected(int)</u> - Static method in class java.lang.reflect.Modifier
Return true if the specifier integer includes the protected modifier.
<u>isProxyClass(Class)</u> - Static method in class java.lang.reflect.Proxy
Returns true if and only if the specified class was dynamically generated to be a proxy class using the getProxyClass method or the newProxyInstance method.
<u>isPublic(int)</u> - Static method in class java.lang.reflect.Modifier
Return true if the specified integer includes the public modifier.
<u>isReadOnly()</u> - Method in class java.security.PermissionCollection
Returns true if this PermissionCollection object is marked as readonly.
<u>isReadOnly()</u> - Method in interface java.sql.Connection
Tests to see if the connection is in read-only mode.
<u>isReadOnly()</u> - Method in interface java.sql.DatabaseMetaData
Is the database in read-only mode?
<u>isReadOnly(int)</u> - Method in interface java.sql.ResultSetMetaData
Indicates whether the designated column is definitely not writable.
<u>isRecording()</u> - Method in interface javax.sound.midi.Sequencer
Indicates whether the Sequencer is currently recording.
<u>isRectangleContainingRectangle(Rectangle, Rectangle)</u> - Static method in class javax.swing.SwingUtilities
Return true if a contains b
<u>isRectangular()</u> - Method in class java.awt.geom.Area
Tests whether this Area is rectangular in shape.
<u>isRelative()</u> - Method in class javax.naming.NameClassPair
Determines whether the name of this binding is relative to the target context (which is named by the first parameter of the list() method).
<u>isRepeats()</u> - Method in class javax.swing.Timer
Returns true if the Timer will send a actionPerformed() message to its listeners multiple times.
<u>isReplacing</u> - Variable in class javax.swing.text.DefaultStyledDocument.AttributeUndoableEdit
<u>isRepresentationClassInputStream()</u> - Method in class java.awt.datatransfer.DataFlavor
does the DataFlavor represent a java.io.InputStream
<u>isRepresentationClassRemote()</u> - Method in class java.awt.datatransfer.DataFlavor
<u>isRepresentationClassSerializable()</u> - Method in class java.awt.datatransfer.DataFlavor

isRequestFocusEnabled() - Method in class javax.swing.JComponent

Returns whether the receiving component can obtain the focus by calling requestFocus.

isResizable - Variable in class javax.swing.table.TableColumn

If true, the user is allowed to resize the column; the default is true.

isResizable() - Method in class java.awt.Dialog

Indicates whether this dialog is resizable by the user.

isResizable() - Method in class java.awt.Frame

Indicates whether this frame is resizable by the user.

isResizable() - Method in class javax.swing.JInternalFrame

Returns whether the JInternalFrame can be resized by some user action.

isRevoked(Certificate) - Method in class java.security.cert.CRL

Checks whether the given certificate is on this CRL.

isRightMouseButton(MouseEvent) - Static method in class javax.swing.SwingUtilities

Returns true if the mouse event specifies the right mouse button.

isRollover() - Method in interface javax.swing.ButtonModel

Indicates that the mouse is over the button.

isRollover() - Method in class javax.swing.DefaultButtonModel

Indicates that the mouse is over the button.

isRolloverBorders() - Method in class javax.swing.plaf.metal.MetalToolBarUI

isRolloverEnabled() - Method in class javax.swing.AbstractButton

Checks whether rollover effects are enabled.

isRoot() - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if this node is the root of the tree.

isRoot(File) - Method in class javax.swing.filechooser.FileSystemView

Determines if the given file is a root partition or drive.

isRootPaneCheckingEnabled() - Method in class javax.swing.JFrame

Returns whether calls to add and setLayout will cause an exception to be thrown.

isRootPaneCheckingEnabled() - Method in class javax.swing.JApplet

isRootPaneCheckingEnabled() - Method in class javax.swing.JInternalFrame

Returns whether calls to add and setLayout cause an exception to be thrown.

isRootPaneCheckingEnabled() - Method in class javax.swing.JFrame

Returns whether calls to add and setLayout cause an exception to be thrown.

isRootPaneCheckingEnabled() - Method in class javax.swing.JDialog

Returns true if the methods add and setLayout should be checked.

isRootVisible() - Method in class javax.swing.JTree

Returns true if the root node of the tree is displayed.

isRootVisible() - Method in class javax.swing.tree.AbstractLayoutCache

Returns true if the root node of the tree is displayed.

isRootVisible() - Method in class javax.swing.plaf.basic.BasicTreeUI

isRowSelected(int) - Method in class javax.swing.JTree

Returns true if the node identified by row is selected.

isRowSelected(int) - Method in class javax.swing.JTable

Returns true if the row at the specified index is selected.

isRowSelected(int) - Method in class javax.swing.tree.DefaultTreeSelectionModel

Returns true if the row identified by row is selected.  
[isRowSelected\(int\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
Returns true if the row identified by row is selected.

[isRunning\(\)](#) - Method in interface javax.sound.sampled.DataLine  
Indicates whether the line is running.

[isRunning\(\)](#) - Method in interface javax.sound.midi.Sequencer  
Indicates whether the Sequencer is currently running.

[isRunning\(\)](#) - Method in class javax.swing.Timer  
Returns true if the Timer is running.

[isSealed\(\)](#) - Method in class java.lang.Package  
Returns true if this package is sealed.

[isSealed\(URL\)](#) - Method in class java.lang.Package  
Returns true if this package is sealed with respect to the specified code source url.

[isSearchable\(int\)](#) - Method in interface java.sql.ResultSetMetaData  
Indicates whether the designated column can be used in a where clause.

[isSelected](#) - Variable in class javax.swing.JInternalFrame  
The frame is currently selected.

[isSelected](#) - Variable in class javax.swing.plaf.basic.BasicMenuUI.ChangeHandler  
[isSelected\(\)](#) - Method in class java.awt.im.InputMethodHighlight  
Returns whether the text range is selected.

[isSelected\(\)](#) - Method in class javax.swing.DefaultSingleSelectionModel  
[isSelected\(\)](#) - Method in interface javax.swing.SingleSelectionModel  
Returns true if the selection model currently has a selected value.

[isSelected\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the state of the button.

[isSelected\(\)](#) - Method in class javax.swing.JMenu  
Returns true if the menu is currently selected (highlighted).

[isSelected\(\)](#) - Method in interface javax.swing.ButtonModel  
Indicates if the button has been selected.

[isSelected\(\)](#) - Method in class javax.swing.DefaultButtonModel  
Indicates if the button has been selected.

[isSelected\(\)](#) - Method in class javax.swing.JInternalFrame  
Returns whether the JInternalFrame is the currently "selected" or active frame.

[isSelected\(\)](#) - Method in class javax.swing.JToggleButton.ToggleButtonModel  
Checks if the button is selected.

[isSelected\(\)](#) - Method in class javax.swing.JMenuBar  
Returns true if the menu bar currently has a component selected.

[isSelected\(\)](#) - Method in class javax.swing.text.html.Option  
Fetches the selection state associated with this option.

[isSelected\(ButtonModel\)](#) - Method in class javax.swing.ButtonGroup  
Returns the selected value for the button.

[isSelected\(int\)](#) - Method in class java.awt.List  
Deprecated. As of JDK version 1.1, replaced by *isIndexSelected(int)*.

[isSelectedIndex\(int\)](#) - Method in class javax.swing.DefaultListSelectionModel

isSelectedIndex(int) - Method in class javax.swing.JList

Returns true if the specified index is selected.

isSelectedIndex(int) - Method in interface javax.swing.ListSelectionModel

Returns true if the specified index is selected.

isSelectionEmpty() - Method in class javax.swing.DefaultListSelectionModel

isSelectionEmpty() - Method in class javax.swing.JList

Returns true if nothing is selected.

isSelectionEmpty() - Method in class javax.swing.JTree

Returns true if the selection is currently empty.

isSelectionEmpty() - Method in interface javax.swing.ListSelectionModel

Returns true if no indices are selected.

isSelectionEmpty() - Method in class javax.swing.tree.DefaultTreeSelectionModel

Returns true if the selection is currently empty.

isSelectionEmpty() - Method in interface javax.swing.tree.TreeSelectionModel

Returns true if the selection is currently empty.

isSelectionVisible() - Method in class javax.swing.text.DefaultCaret

Checks whether the current selection is visible.

isSelectionVisible() - Method in interface javax.swing.text.Caret

Determines if the selection is currently visible.

isSerializing() - Method in class java.beans.beancontext.BeanContextSupport

Is this BeanContext in the process of being serialized?

isServiceClass(Class) - Method in class java.beans.beancontext.BeanContextServiceRevokedEvent

Checks this event to determine whether or not the service being revoked is of a particular class.

isSet - Variable in class java.util.Calendar

The flags which tell if a specified time field for the calendar is set.

isSet(int) - Method in class java.util.Calendar

Determines if the given time field has a value set.

isShiftDown() - Method in class java.awt.event.InputEvent

Returns whether or not the Shift modifier is down on this event.

isShowing() - Method in class java.awt.Component

Determines whether this component is showing on screen.

isShowing() - Method in class java.awt.Component.AccessibleAWTComponent

Determine if the object is showing.

isShowing() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Determine if the object is showing.

isShowing() - Method in class java.awt.Window

Checks if this Window is showing on screen.

isShowing() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild

Determine if the object is showing.

isShowing() - Method in interface javax.accessibility.AccessibleComponent

Determines if the object is showing.

isShowing() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

isShowing() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

isShowing() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

- Determines if the object is showing.
- isShowing() - Method in class  
javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry
- isSigned(int) - Method in interface java.sql.ResultSetMetaData
- Indicates whether values in the designated column are signed numbers.
- isSignificant() - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent
- DefaultDocument events are significant.
- isSignificant() - Method in class javax.swing.undo.AbstractUndoableEdit
- This default implementation returns true.
- isSignificant() - Method in class javax.swing.undo.CompoundEdit
- Returns true if any of the UndoableEdits in edits do.
- isSignificant() - Method in interface javax.swing.undo.UndoableEdit
- Return false if this edit is insignificant--for example one that maintains the user's selection, but does not change any model state.
- isSingular() - Method in class java.awt.geom.Area
- Tests whether this Area is comprised of a single closed subpath.
- isSoundbankSupported(Soundbank) - Method in interface javax.sound.midi.Synthesizer
- Informs the caller whether this synthesizer is capable of loading instruments from the specified soundbank.
- isSource() - Method in class javax.sound.sampled.Port.Info
- Indicates whether the port is a source or a target for its mixer.
- isSourceEncodingSupported(AudioFormat.Encoding) - Method in class  
javax.sound.sampled.spi.FormatConversionProvider
- Indicates whether the format converter supports conversion from the specified source format encoding.
- isSpace(char) - Static method in class java.lang.Character
- Deprecated. *Replaced by isWhitespace(char).*
- isSpaceChar(char) - Static method in class java.lang.Character
- Determines if the specified character is a Unicode space character.
- isStandard() - Method in class java.awt.font.GlyphMetrics
- Returns true if this is a standard glyph.
- isStatic(int) - Static method in class java.lang.reflect.Modifier
- Return true if the specifier integer includes the static modifier.
- isStrict(int) - Static method in class java.lang.reflect.Modifier
- Return true if the specifier integer includes the strictfp modifier.
- isStrikeThrough() - Method in class javax.swing.text.GlyphView
- Determine if the glyphs should have a strikethrough line.
- isStrikeThrough() - Method in class javax.swing.text.LabelView
- Determine if the glyphs should have a strikethrough line.
- isStrikeThrough(AttributeSet) - Static method in class javax.swing.text.StyleConstants
- Checks whether the strikethrough attribute is set.
- isStringPainted() - Method in class javax.swing.JProgressBar
- Returns true if the progress bar will render a string onto the representation of the progress bar.
- isSubscript() - Method in class javax.swing.text.GlyphView
- Determine if the glyphs should be rendered as superscript.
- isSubscript() - Method in class javax.swing.text.LabelView
- Determine if the glyphs should be rendered as superscript.

[ByteArrayInputStream\(byte\[\], int, int\)](#) - Constructor for class java.io.ByteArrayInputStream

Creates ByteArrayInputStream that uses buf as its buffer array.

[ByteArrayOutputStream](#) - class java.io.ByteArrayOutputStream.

This class implements an output stream in which the data is written into a byte array.

[ByteArrayOutputStream\(\)](#) - Constructor for class java.io.ByteArrayOutputStream

Creates a new byte array output stream.

[ByteArrayOutputStream\(int\)](#) - Constructor for class java.io.ByteArrayOutputStream

Creates a new byte array output stream, with a buffer capacity of the specified size, in bytes.

[ByteHolder](#) - class org.omg.CORBA.ByteHolder.

A Holder class for a byte that is used to store "out" and "inout" parameters in IDL methods.

[ByteHolder\(\)](#) - Constructor for class org.omg.CORBA.ByteHolder

Constructs a new ByteHolder object with its value field initialized to 0.

[ByteHolder\(byte\)](#) - Constructor for class org.omg.CORBA.ByteHolder

Constructs a new ByteHolder object for the given byte.

[byteLength](#) - Variable in class javax.sound.midi.MidiFileFormat

The length of the MIDI file in bytes.

[ByteLookupTable](#) - class java.awt.image.ByteLookupTable.

This class defines a lookup table object.

[ByteLookupTable\(int, byte\[\]\)](#) - Constructor for class java.awt.image.ByteLookupTable

Constructs a ByteLookupTable object from an array of bytes representing a lookup table to be applied to all bands.

[ByteLookupTable\(int, byte\[\]\[\]\)](#) - Constructor for class java.awt.image.ByteLookupTable

Constructs a ByteLookupTable object from an array of byte arrays representing a lookup table for each band.

[bytesTransferred](#) - Variable in class java.io.InterruptedIOException

Reports how many bytes had been transferred as part of the I/O operation before it was interrupted.

[bytesWidth\(byte\[\], int, int\)](#) - Method in class java.awt.FontMetrics

Returns the total advance width for showing the specified array of bytes in this Font.

[byteValue\(\)](#) - Method in class java.lang.Number

Returns the value of the specified number as a byte.

[byteValue\(\)](#) - Method in class java.lang.Long

Returns the value of this Long as a byte.

[byteValue\(\)](#) - Method in class java.lang.Short

Returns the value of this Short as a byte.

[byteValue\(\)](#) - Method in class java.lang.Float

Returns the value of this Float as a byte (by casting to a byte).

[byteValue\(\)](#) - Method in class java.lang.Integer

Returns the value of this Integer as a byte.

[byteValue\(\)](#) - Method in class java.lang.Byte

Returns the value of this Byte as a byte.

[byteValue\(\)](#) - Method in class java.lang.Double

Returns the value of this Double as a byte (by casting to a byte).

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For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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## I

I - Static variable in class javax.swing.text.html.HTML.Tag

[icAbsoluteColorimetric](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Rendering Intent: AbsoluteColorimetric.

[ICC\\_ColorSpace](#) - class java.awt.color.ICC\_ColorSpace.

An implementation of the abstract ColorSpace class.

[ICC\\_ColorSpace\(ICC\\_Profile\)](#) - Constructor for class java.awt.color.ICC\_ColorSpace

Constructs a new ICC\_ColorSpace from an ICC\_Profile object.

[ICC\\_Profile](#) - class java.awt.color.ICC\_Profile.

A representation of color profile data for device independent and device dependent color spaces based on the International Color Consortium Specification ICC.1:1998-09, File Format for Color Profiles, September 1998, and the addendum ICC.1A:1999-04, April 1999, to that specification (see <http://www.color.org>).

[ICC\\_ProfileGray](#) - class java.awt.color.ICC\_ProfileGray.

A subclass of the ICC\_Profile class which represents profiles which meet the following criteria: the color space type of the profile is TYPE\_GRAY and the profile includes the grayTRCTag and mediaWhitePointTag tags.

[ICC\\_ProfileRGB](#) - class java.awt.color.ICC\_ProfileRGB.

A subclass of the ICC\_Profile class which represents profiles which meet the following criteria: the color space type of the profile is RGB and the profile includes the redColorantTag, greenColorantTag, blueColorantTag, redTRCTag, greenTRCTag, blueTRCTag, and mediaWhitePointTag tags.

[icCurveCount](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Constant: curveType count.

[icCurveData](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Constant: curveType data.

[icHdrAttributes](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: device attributes.

[icHdrCmmId](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: CMM for this profile.

[icHdrColorSpace](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: color space of data.

[icHdrCreator](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: profile creator.

[icHdrDate](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: date profile was created.

[icHdrDeviceClass](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: type of profile.

[icHdrFlags](#) - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: various bit settings.

icHdrIlluminant - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: profile illuminant.

icHdrMagic - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: icMagicNumber.

icHdrManufacturer - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: device manufacturer.

icHdrModel - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: device model number.

icHdrPcs - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: PCS - XYZ or Lab only.

icHdrPlatform - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: primary platform.

icHdrRenderingIntent - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: rendering intent.

icHdrSize - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: profile size in bytes.

icHdrVersion - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Header Location: format version number.

icon - Variable in class javax.swing.JOptionPanel

Icon used in pane.

icon - Variable in class javax.swing.plaf.basic.BasicRadioButtonUI

Icon - interface javax.swing.Icon.

A small fixed size picture, typically used to decorate components.

ICON - Static variable in class javax.accessibility.AccessibleRole

A small fixed size picture, typically used to decorate components.

ICON\_CHANGED\_PROPERTY - Static variable in class javax.swing.AbstractButton

Identifies a change to the icon that represents the button.

ICON\_COLOR\_16x16 - Static variable in interface java.beans.BeanInfo

Constant to indicate a 16 x 16 color icon.

ICON\_COLOR\_32x32 - Static variable in interface java.beans.BeanInfo

Constant to indicate a 32 x 32 color icon.

ICON\_MONO\_16x16 - Static variable in interface java.beans.BeanInfo

Constant to indicate a 16 x 16 monochrome icon.

ICON\_MONO\_32x32 - Static variable in interface java.beans.BeanInfo

Constant to indicate a 32 x 32 monochrome icon.

ICON\_PROPERTY - Static variable in class javax.swing.JOptionPanel

Bound property name for icon.

iconable - Variable in class javax.swing.JInternalFrame

The frame can "iconized" (shrunk down and displayed as an icon-image).

IconAttribute - Static variable in class javax.swing.text.StyleConstants

Name of the icon attribute.

IconAttribute - Static variable in class javax.swing.text.StyleConstants.CharacterConstants

Name of the icon attribute.

iconButton - Variable in class javax.swing.plaf.basic.BasicInternalFrameTitlePane

iconCache - Variable in class javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView

IconElementName - Static variable in class javax.swing.text.StyleConstants

Name of elements used to represent icons.

iconIcon - Variable in class javax.swing.plaf.basic.BasicInternalFrameTitlePane

ICONIFIED - Static variable in class java.awt.Frame

ICONIFIED - Static variable in class javax.accessibility.AccessibleState

Indicates this object is minimized and is represented only by an icon.

ICONIFY\_CMD - Static variable in class javax.swing.plaf.basic.BasicInternalFrameTitlePane

iconifyAction - Variable in class javax.swing.plaf.basic.BasicInternalFrameTitlePane

iconifyFrame(JInternalFrame) - Method in interface javax.swing.DesktopManager

Generally, remove this frame from it's parent and add an iconic representation.

iconifyFrame(JInternalFrame) - Method in class javax.swing.DefaultDesktopManager

Removes the frame from its parent and adds its desktopIcon to the parent.

iconifyFrame(JInternalFrame) - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

This method is called when the user wants to iconify the frame.

iconOnly - Variable in class javax.swing.plaf.metal.MetalComboBoxButton

IconUIResource - class javax.swing.plaf.IconUIResource.

IconUIResource(Icon) - Constructor for class javax.swing.plaf.IconUIResource

Creates a UIResource icon object which wraps an existing Icon instance.

IconView - class javax.swing.text.IconView.

Icon decorator that implements the view interface.

IconView(Element) - Constructor for class javax.swing.text.IconView

Creates a new icon view that represents an element.

icPerceptual - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Rendering Intent: Perceptual.

icRelativeColorimetric - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Rendering Intent: RelativeColorimetric.

icSaturation - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Rendering Intent: Saturation.

icSigAbstractClass - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Class Signature: 'abst'.

icSigAToB0Tag - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Tag Signature: 'A2B0'.

icSigAToB1Tag - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Tag Signature: 'A2B1'.

icSigAToB2Tag - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Tag Signature: 'A2B2'.

icSigBlueColorantTag - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Tag Signature: 'bXYZ'.

icSigBlueTRCTag - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Tag Signature: 'bTRC'.

icSigBToA0Tag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'B2A0'.

icSigBToA1Tag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'B2A1'.

icSigBToA2Tag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'B2A2'.

icSigCalibrationDateTimeTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'calt'.

icSigCharTargetTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'targ'.

icSigChromaticityTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'chrm'.

icSigCmyData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'CMY'.

icSigCmykData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'CMYK'.

icSigColorSpaceClass - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Class Signature: 'spac'.

icSigCopyrightTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'cppt'.

icSigCrdInfoTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'crdi'.

icSigDeviceMfgDescTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'dmnd'.

icSigDeviceModelDescTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'dmdd'.

icSigDeviceSettingsTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'devs'.

icSigDisplayClass - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Class Signature: 'mntr'.

icSigGamutTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'gamt'.

icSigGrayData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'GRAY'.

icSigGrayTRCTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'kTRC'.

icSigGreenColorantTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'gXYZ'.

icSigGreenTRCTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'gTRC'.

icSigHead - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'head' - special.

icSigHlsData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'HLS'.

icSigHsvData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'HSV'.

icSigInputClass - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Class Signature: 'scnr'.  
[icSigLabData](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Color Space Type Signature: 'Lab '.

[icSigLinkClass](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Class Signature: 'link'.

[icSigLuminanceTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'lumi'.

[icSigLuvData](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Color Space Type Signature: 'Luv '.

[icSigMeasurementTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'meas'.

[icSigMediaBlackPointTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'bkpt'.

[icSigMediaWhitePointTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'wtpt'.

[icSigNamedColor2Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'ncl2'.

[icSigNamedColorClass](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Class Signature: 'nmcl'.

[icSigOutputClass](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Class Signature: 'ptrr'.

[icSigOutputResponseTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'resp'.

[icSigPreview0Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'pre0'.

[icSigPreview1Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'pre1'.

[icSigPreview2Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'pre2'.

[icSigProfileDescriptionTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'desc'.

[icSigProfileSequenceDescTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'pseq'.

[icSigPs2CRD0Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'psd0'.

[icSigPs2CRD1Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'psd1'.

[icSigPs2CRD2Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'psd2'.

[icSigPs2CRD3Tag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'psd3'.

[icSigPs2CSATag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'ps2s'.

[icSigPs2RenderingIntentTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'ps2i'.

[icSigRedColorantTag](#) - Static variable in class java.awt.color.[ICC\\_Profile](#)  
ICC Profile Tag Signature: 'rXYZ'.

icSigRedTRCTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'rTRC'.

icSigRgbData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'RGB'.

icSigScreeningDescTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'scrd'.

icSigScreeningTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'scrn'.

icSigSpace2CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '2CLR'.

icSigSpace3CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '3CLR'.

icSigSpace4CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '4CLR'.

icSigSpace5CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '5CLR'.

icSigSpace6CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '6CLR'.

icSigSpace7CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '7CLR'.

icSigSpace8CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '8CLR'.

icSigSpace9CLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: '9CLR'.

icSigSpaceACLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'ACLR'.

icSigSpaceBCLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'BCLR'.

icSigSpaceCCLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'CCLR'.

icSigSpaceDCLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'DCLR'.

icSigSpaceECLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'ECLR'.

icSigSpaceFCLR - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'FCLR'.

icSigTechnologyTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'tech'.

icSigUcrBgTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'bfd'.

icSigViewingCondDescTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'vued'.

icSigViewingConditionsTag - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Tag Signature: 'view'.

icSigXYZData - Static variable in class java.awt.color.ICC\_Profile  
ICC Profile Color Space Type Signature: 'XYZ'.

icSigYCbCrData - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Color Space Type Signature: 'YCbr'.

icSigYxyData - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Color Space Type Signature: 'Yxy '.

icTagReserved - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Constant: reserved.

icTagType - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Constant: tag type signature.

icXYZNumberX - Static variable in class java.awt.color.ICC\_Profile

ICC Profile Constant: XYZNumber X.

id - Variable in class java.awt.Event

Indicates which type of event the event is, and which other Event variables are relevant for the event.

id - Variable in class java.awt.AWTEvent

id - Variable in class org.omg.CORBA.NameValuePair

The name to be associated with a value by this NameValuePair object.

id - Variable in class org.omg.CORBA.ValueMember

The name of the value member described by this ValueMember object.

id - Variable in class org.omg.CosNaming.NameComponent

ID - Static variable in class javax.swing.text.html.HTML.Attribute

ID - Static variable in interface javax.swing.text.html.parser.DTDConstants

idQ - Static method in class org.omg.CORBA.UnionMemberHelper

idQ - Static method in class org.omg.CORBA.ServiceInformationHelper

idQ - Static method in class org.omg.CORBA.PolicyListHelper

idQ - Static method in class org.omg.CORBA.NameValuePairHelper

idQ - Static method in class org.omg.CORBA.LongSeqHelper

idQ - Static method in class org.omg.CORBA.OctetSeqHelper

idQ - Static method in class org.omg.CORBA.IdentifierHelper

idQ - Static method in class org.omg.CORBA.FloatSeqHelper

idQ - Static method in class org.omg.CORBA.ServiceDetailHelper

idQ - Static method in class org.omg.CORBA.BooleanSeqHelper

idQ - Static method in class org.omg.CORBA.VisibilityHelper

idQ - Static method in class org.omg.CORBA.ULongSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.StringValueHelper

[id\(\)](#) - Static method in class org.omg.CORBA.CharSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.SetOverrideTypeHelper

[id\(\)](#) - Static method in class org.omg.CORBA.VersionSpecHelper

[id\(\)](#) - Static method in class org.omg.CORBA.DefinitionKindHelper

[id\(\)](#) - Static method in class org.omg.CORBA.StructMemberHelper

[id\(\)](#) - Static method in class org.omg.CORBA.IDLTypeHelper

[id\(\)](#) - Static method in class org.omg.CORBA.UShortSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.WCharSeqHelper

[id\(\)](#) - Method in class org.omg.CORBA.TypeCode  
    Retrieves the RepositoryId globally identifying the type of this TypeCode object.

[id\(\)](#) - Static method in class org.omg.CORBA.DoubleSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.WStringValueHelper

[id\(\)](#) - Static method in class org.omg.CORBA.PolicyTypeHelper

[id\(\)](#) - Static method in class org.omg.CORBA.ULongLongSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.RepositoryIdHelper

[id\(\)](#) - Static method in class org.omg.CORBA.ShortSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.ObjectHelper

[id\(\)](#) - Static method in class org.omg.CORBA.CurrentHelper

[id\(\)](#) - Static method in class org.omg.CORBA.LongLongSeqHelper

[id\(\)](#) - Static method in class org.omg.CORBA.CompletionStatusHelper

[id\(\)](#) - Static method in class org.omg.CORBA.FieldNameHelper

[id\(\)](#) - Static method in class org.omg.CORBA.ValueBaseHelper

[id\(\)](#) - Static method in class org.omg.CORBA.PolicyHelper

[id\(\)](#) - Static method in class org.omg.CORBA.AnySeqHelper

id() - Static method in class org.omg.CORBA.ValueMemberHelper

id() - Static method in class org.omg.CosNaming.NameHelper

id() - Static method in class org.omg.CosNaming.IstringHelper

id() - Static method in class org.omg.CosNaming.BindingListHelper

id() - Static method in class org.omg.CosNaming.BindingIteratorHelper

id() - Static method in class org.omg.CosNaming.NameComponentHelper

id() - Static method in class org.omg.CosNaming.BindingTypeHelper

id() - Static method in class org.omg.CosNaming.NamingContextHelper

id() - Static method in class org.omg.CosNaming.BindingHelper

id() - Static method in class org.omg.CosNaming.NamingContextPackage.AlreadyBoundHelper

id() - Static method in class org.omg.CosNaming.NamingContextPackage.NotFoundReasonHelper

id() - Static method in class org.omg.CosNaming.NamingContextPackage.NotFoundHelper

id() - Static method in class org.omg.CosNaming.NamingContextPackage.CannotProceedHelper

id() - Static method in class org.omg.CosNaming.NamingContextPackage.InvalidNameHelper

id() - Static method in class org.omg.CosNaming.NamingContextPackage.NotEmptyHelper

IDENTICAL - Static variable in class java.text.Collator

Collator strength value.

identifier - Variable in class javax.swing.table.TableColumn

This object is not used internally by the drawing machinery of the JTable; identifiers may be set in the TableColumn as an optional way to tag and locate table columns.

IdentifierHelper - class org.omg.CORBA.IdentifierHelper.

org/omg/CORBA/IdentifierHelper.java Generated by the IDL-to-Java compiler (portable), version "3.0"  
from ir.idl 03 June 1999 11:33:42 o'clock GMT+00:00

IdentifierHelper() - Constructor for class org.omg.CORBA.IdentifierHelper

identities() - Method in class java.security.IdentityScope

Deprecated. Returns an enumeration of all identities in this identity scope.

Identity - class java.security.Identity.

Deprecated. *This class is no longer used. Its functionality has been replaced by  
java.security.KeyStore, the java.security.cert package, and java.security.Principal.*

Identity() - Constructor for class java.security.Identity

Deprecated. Constructor for serialization only.

[Identity\(String\)](#) - Constructor for class java.security.[Identity](#)

Deprecated. Constructs an identity with the specified name and no scope.

[Identity\(String, IdentityScope\)](#) - Constructor for class java.security.[Identity](#)

Deprecated. Constructs an identity with the specified name and scope.

[identityEquals\(Identity\)](#) - Method in class java.security.[Identity](#)

Deprecated. Tests for equality between the specified identity and this identity.

[identityHashCode\(Object\)](#) - Static method in class java.lang.[System](#)

Returns the same hashCode for the given object as would be returned by the default method hashCode(), whether or not the given object's class overrides hashCode().

[IdentityScope](#) - class java.security.[IdentityScope](#).

Deprecated. *This class is no longer used. Its functionality has been replaced by java.security.KeyStore, the java.security.cert package, and java.security.Principal.*

[IdentityScope\(\)](#) - Constructor for class java.security.[IdentityScope](#)

Deprecated. This constructor is used for serialization only and should not be used by subclasses.

[IdentityScope\(String\)](#) - Constructor for class java.security.[IdentityScope](#)

Deprecated. Constructs a new identity scope with the specified name.

[IdentityScope\(String, IdentityScope\)](#) - Constructor for class java.security.[IdentityScope](#)

Deprecated. Constructs a new identity scope with the specified name and scope.

[IDLEntity](#) - interface org.omg.CORBA.portable.[IDLEntity](#).

An interface with no members whose only purpose is to serve as a marker indicating that an implementing class is a Java value type from IDL that has a corresponding Helper class.

[IDLType](#) - interface org.omg.CORBA.[IDLType](#).

An abstract interface inherited by all Interface Repository (IR) objects that represent OMG IDL types.

[IDLTypeHelper](#) - class org.omg.CORBA.[IDLTypeHelper](#).

org/omg/CORBA/IDLTypeHelper.java Generated by the IDL-to-Java compiler (portable), version "3.0" from ir.idl 03 June 1999 11:33:44 o'clock GMT+00:00

[IDLTypeHelper\(\)](#) - Constructor for class org.omg.CORBA.[IDLTypeHelper](#)

[IDLTypeOperations](#) - interface org.omg.CORBA.[IDLTypeOperations](#).

This interface must be implemented by all IDLType objects.

[IDREF](#) - Static variable in interface javax.swing.text.html.parser.[DTDConstants](#)

[IDREFS](#) - Static variable in interface javax.swing.text.html.parser.[DTDConstants](#)

[IEEEremainder\(double, double\)](#) - Static method in class java.lang.[StrictMath](#)

Computes the remainder operation on two arguments as prescribed by the IEEE 754 standard.

[IEEEremainder\(double, double\)](#) - Static method in class java.lang.[Math](#)

Computes the remainder operation on two arguments as prescribed by the IEEE 754 standard.

[ifModifiedSince](#) - Variable in class java.net.[URLConnection](#)

Some protocols support skipping the fetching of the object unless the object has been modified more recently than a certain time.

[IGNORE\\_ALL\\_BEANINFO](#) - Static variable in class java.beans.[Introspector](#)

[IGNORE\\_IMMEDIATE\\_BEANINFO](#) - Static variable in class java.beans.[Introspector](#)

[IllegalAccessError](#) - error java.lang.[IllegalAccessError](#).

Thrown if an application attempts to access or modify a field, or to call a method that it does not have access to.

[IllegalAccessException\(\)](#) - Constructor for class java.lang.[IllegalAccessException](#)

Constructs an [IllegalAccessException](#) with no detail message.

[IllegalAccessException\(String\)](#) - Constructor for class java.lang.[IllegalAccessException](#)

Constructs an [IllegalAccessException](#) with the specified detail message.

[IllegalAccessException](#) - exception java.lang.[IllegalAccessException](#).

Thrown when an application tries to load in a class, but the currently executing method does not have access to the definition of the specified class, because the class is not public and in another package.

[IllegalAccessException\(\)](#) - Constructor for class java.lang.[IllegalAccessException](#)

Constructs an [IllegalAccessException](#) without a detail message.

[IllegalAccessException\(String\)](#) - Constructor for class java.lang.[IllegalAccessException](#)

Constructs an [IllegalAccessException](#) with a detail message.

[IllegalArgumentException](#) - exception java.lang.[IllegalArgumentException](#).

Thrown to indicate that a method has been passed an illegal or inappropriate argument.

[IllegalArgumentException\(\)](#) - Constructor for class java.lang.[IllegalArgumentException](#)

Constructs an [IllegalArgumentException](#) with no detail message.

[IllegalArgumentException\(String\)](#) - Constructor for class java.lang.[IllegalArgumentException](#)

Constructs an [IllegalArgumentException](#) with the specified detail message.

[IllegalComponentStateException](#) - exception java.awt.[IllegalComponentStateException](#).

Signals that an AWT component is not in an appropriate state for the requested operation.

[IllegalComponentStateException\(\)](#) - Constructor for class java.awt.[IllegalComponentStateException](#)

Constructs an [IllegalComponentStateException](#) with no detail message.

[IllegalComponentStateException\(String\)](#) - Constructor for class java.awt.[IllegalComponentStateException](#)

Constructs an [IllegalComponentStateException](#) with the specified detail message.

[IllegalMonitorStateException](#) - exception java.lang.[IllegalMonitorStateException](#).

Thrown to indicate that a thread has attempted to wait on an object's monitor or to notify other threads waiting on an object's monitor without owning the specified monitor.

[IllegalMonitorStateException\(\)](#) - Constructor for class java.lang.[IllegalMonitorStateException](#)

Constructs an [IllegalMonitorStateException](#) with no detail message.

[IllegalMonitorStateException\(String\)](#) - Constructor for class java.lang.[IllegalMonitorStateException](#)

Constructs an [IllegalMonitorStateException](#) with the specified detail message.

[IllegalPathStateException](#) - exception java.awt.geom.[IllegalPathStateException](#).

The [IllegalPathStateException](#) represents an exception that is thrown if an operation is performed on a path that is in an illegal state with respect to the particular operation being performed, such as appending a path segment to a [GeneralPath](#) without an initial moveto.

[IllegalPathStateException\(\)](#) - Constructor for class java.awt.geom.[IllegalPathStateException](#)

Constructs an [IllegalPathStateException](#) with no detail message.

[IllegalPathStateException\(String\)](#) - Constructor for class java.awt.geom.[IllegalPathStateException](#)

Constructs an [IllegalPathStateException](#) with the specified detail message.

[IllegalStateException](#) - exception java.lang.[IllegalStateException](#).

Signals that a method has been invoked at an illegal or inappropriate time.

[IllegalStateException\(\)](#) - Constructor for class java.lang.[IllegalStateException](#)

Constructs an [IllegalStateException](#) with no detail message.

[IllegalStateException\(String\)](#) - Constructor for class java.lang.[IllegalStateException](#)

Constructs an [IllegalStateException](#) with the specified detail message.

[IllegalThreadStateException](#) - exception java.lang.[IllegalThreadStateException](#).

Thrown to indicate that a thread is not in an appropriate state for the requested operation.

[IllegalThreadStateException\(\)](#) - Constructor for class java.lang.[IllegalThreadStateException](#)

Constructs an IllegalThreadStateException with no detail message.

[IllegalThreadStateException\(String\)](#) - Constructor for class java.lang.[IllegalThreadStateException](#)

Constructs an IllegalThreadStateException with the specified detail message.

[Image](#) - class java.awt.[Image](#).

The abstract class Image is the superclass of all classes that represent graphical images.

[Image\(\)](#) - Constructor for class java.awt.[Image](#)

[IMAGEABORTED](#) - Static variable in interface java.awt.image.[ImageConsumer](#)

The image creation process was deliberately aborted.

[imageComplete\(int\)](#) - Method in class java.awt.image.[ImageFilter](#)

Filters the information provided in the imageComplete method of the ImageConsumer interface.

[imageComplete\(int\)](#) - Method in class java.awt.image.[PixelGrabber](#)

The imageComplete method is part of the ImageConsumer API which this class must implement to retrieve the pixels.

[imageComplete\(int\)](#) - Method in interface java.awt.image.[ImageConsumer](#)

The imageComplete method is called when the ImageProducer is finished delivering all of the pixels that the source image contains, or when a single frame of a multi-frame animation has been completed, or when an error in loading or producing the image has occurred.

[imageComplete\(int\)](#) - Method in class java.awt.image.[BufferedImageFilter](#)

Filters the information provided in the imageComplete method of the ImageConsumer interface.

[ImageConsumer](#) - interface java.awt.image.[ImageConsumer](#).

The interface for objects expressing interest in image data through the ImageProducer interfaces.

[IMAGEERROR](#) - Static variable in interface java.awt.image.[ImageConsumer](#)

An error was encountered while producing the image.

[ImageFilter](#) - class java.awt.image.[ImageFilter](#).

This class implements a filter for the set of interface methods that are used to deliver data from an ImageProducer to an ImageConsumer.

[ImageFilter\(\)](#) - Constructor for class java.awt.image.[ImageFilter](#)

[ImageGraphicAttribute](#) - class java.awt.font.[ImageGraphicAttribute](#).

The ImageGraphicAttribute class is an implementation of GraphicAttribute which draws images in a TextLayout.

[ImageGraphicAttribute\(Image, int\)](#) - Constructor for class java.awt.font.[ImageGraphicAttribute](#)

Constructs an ImageGraphicAttribute from the specified Image.

[ImageGraphicAttribute\(Image, int, float, float\)](#) - Constructor for class java.awt.font.[ImageGraphicAttribute](#)

Constructs an ImageGraphicAttribute from the specified Image.

[ImageIcon](#) - class javax.swing.[ImageIcon](#).

An implementation of the Icon interface that paints Icons from Images.

[ImageIcon.AccessibleImageIcon](#) - class javax.swing.[ImageIcon.AccessibleImageIcon](#).

This class implements accessibility support for the ImageIcon class.

[ImageIcon.AccessibleImageIcon\(ImageIcon\)](#) - Constructor for class

javax.swing.[ImageIcon.AccessibleImageIcon](#)

[ImageIcon\(\)](#) - Constructor for class javax.swing.[ImageIcon](#)

Creates an uninitialized image icon.

[ImageIcon\(byte\[\]\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from an array of bytes which were read from an image file containing a supported image format, such as GIF or JPEG.

[ImageIcon\(byte\[\], String\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from an array of bytes which were read from an image file containing a supported image format, such as GIF or JPEG.

[ImageIcon\(Image\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from an image object.

[ImageIcon\(Image, String\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from the image.

[ImageIcon\(String\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from the specified file.

[ImageIcon\(String, String\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from the specified file.

[ImageIcon\(URL\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from the specified URL.

[ImageIcon\(URL, String\)](#) - Constructor for class javax.swing.ImageIcon

Creates an ImageIcon from the specified URL.

[ImageObserver](#) - interface java.awt.image.ImageObserver.

An asynchronous update interface for receiving notifications about Image information as the Image is constructed.

[ImageProducer](#) - interface java.awt.image.ImageProducer.

The interface for objects which can produce the image data for Images.

[imageSubmit\(String\)](#) - Method in class javax.swing.text.html.FormView

This method is called to submit a form in response to a click on an image -- an <INPUT> form element of type "image".

[imageUpdate\(Image, int, int, int, int, int\)](#) - Method in class java.awt.Component

Repaints the component when the image has changed.

[imageUpdate\(Image, int, int, int, int, int\)](#) - Method in interface java.awt.image.ImageObserver

This method is called when information about an image which was previously requested using an asynchronous interface becomes available.

[imageUpdate\(Image, int, int, int, int, int\)](#) - Method in class javax.swing.AbstractButton

This is overridden to return false if the current Icon's Image is not equal to the passed in Image img.

[imageUpdate\(Image, int, int, int, int, int\)](#) - Method in class javax.swing.JLabel

This is overridden to return false if the current Icon's Image is not equal to the passed in Image img.

[ImagingOpException](#) - exception java.awt.image.ImagingOpException.

The ImagingOpException is thrown if one of the [BufferedImageOp](#) or [RasterOp](#) filter methods cannot process the image.

[ImagingOpException\(String\)](#) - Constructor for class java.awt.image.ImagingOpException

Constructs an ImagingOpException object with the specified message.

[IMG](#) - Static variable in class javax.swing.text.html.HTML.Tag

[IMG\\_ALIGN\\_BOTTOM](#) - Static variable in class javax.swing.text.html.HTMLEditorKit

Align images at the bottom.

[IMG\\_ALIGN\\_MIDDLE](#) - Static variable in class javax.swing.text.html.HTMLEditorKit

Align images in the middle.

[IMG\\_ALIGN\\_TOP](#) - Static variable in class javax.swing.text.html.HTMLEditorKit

Align images at the top.

IMG BORDER - Static variable in class javax.swing.text.html.HTMLEditorKit

Align images at the border.

IMP\_LIMIT - exception org.omg.CORBA.IMP\_LIMIT.

The CORBA IMP\_LIMIT exception, which is thrown when the implementation limit has been violated.

IMP\_LIMIT() - Constructor for class org.omg.CORBA.IMP\_LIMIT

Constructs an IMP\_LIMIT exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

IMP\_LIMIT(int, CompletionStatus) - Constructor for class org.omg.CORBA.IMP\_LIMIT

Constructs an IMP\_LIMIT exception with the specified minor code and completion status.

IMP\_LIMIT(String) - Constructor for class org.omg.CORBA.IMP\_LIMIT

Constructs an IMP\_LIMIT exception with the specified detail message, a minor code of 0, and a completion state of COMPLETED\_NO.

IMP\_LIMIT(String, int, CompletionStatus) - Constructor for class org.omg.CORBA.IMP\_LIMIT

Constructs an IMP\_LIMIT exception with the specified detail message, minor code, and completion status.

impl - Variable in class javax.naming.CompoundName

Implementation of this compound name.

implAccept(Socket) - Method in class java.net.ServerSocket

Subclasses of ServerSocket use this method to override accept() to return their own subclass of socket.

IMPLEMENTATION\_TITLE - Static variable in class java.util.jar.Attributes.Name

Name object for Implementation-Title manifest attribute used for package versioning.

IMPLEMENTATION\_URL - Static variable in class java.util.jar.Attributes.Name

Name object for Implementation-Vendor-URL manifest attribute used for package versioning.

IMPLEMENTATION\_VENDOR - Static variable in class java.util.jar.Attributes.Name

Name object for Implementation-Vendor manifest attribute used for package versioning.

IMPLEMENTATION\_VENDOR\_ID - Static variable in class java.util.jar.Attributes.Name

Name object for Implementation-Vendor-Id manifest attribute used for package versioning.

IMPLEMENTATION\_VERSION - Static variable in class java.util.jar.Attributes.Name

Name object for Implementation-Version manifest attribute used for package versioning.

IMPLIED - Static variable in class javax.swing.text.html.HTML.Tag

All text content must be in a paragraph element.

IMPLIED - Static variable in class javax.swing.text.html.HTMLEditorKit.ParserCallback

This is passed as an attribute in the attributeset to indicate the element is implied eg, the string '<foo<t>' contains an implied html element and an implied body element.

IMPLIED - Static variable in interface javax.swing.text.html.parserDTDConstants

implies(CodeSource) - Method in class java.security.CodeSource

Returns true if this CodeSource object "implies" the specified CodeSource.

implies(Permission) - Method in class java.io.FilePermission

Checks if this FilePermission object "implies" the specified permission.

implies(Permission) - Method in class java.net.SocketPermission

Checks if this socket permission object "implies" the specified permission.

implies(Permission) - Method in class java.security.Permission

Checks if the specified permission's actions are "implied by" this object's actions.

implies(Permission) - Method in class java.security.BasicPermission

Checks if the specified permission is "implied" by this object.

implies(Permission) - Method in class java.security.UnresolvedPermission

This method always returns false for unresolved permissions.

implies(Permission) - Method in class java.security.AllPermission

Checks if the specified permission is "implied" by this object.

implies(Permission) - Method in class java.security.ProtectionDomain

Check and see if this ProtectionDomain implies the permissions expressed in the Permission object.

implies(Permission) - Method in class java.security.PermissionCollection

Checks to see if the specified permission is implied by the collection of Permission objects held in this PermissionCollection.

implies(Permission) - Method in class java.security.Permissions

Checks to see if this object's PermissionCollection for permissions of the specified permission's type implies the permissions expressed in the *permission* object.

implies(Permission) - Method in class java.util.PropertyPermission

Checks if this PropertyPermission object "implies" the specified permission.

importedKeyCascade - Static variable in interface java.sql.DatabaseMetaData

A possible value for the columns UPDATE\_RULE and DELETE\_RULE in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeyInitiallyDeferred - Static variable in interface java.sql.DatabaseMetaData

A possible value for the column DEFERRABILITY in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeyInitiallyImmediate - Static variable in interface java.sql.DatabaseMetaData

A possible value for the column DEFERRABILITY in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeyNoAction - Static variable in interface java.sql.DatabaseMetaData

A possible value for the columns UPDATE\_RULE and DELETE\_RULE in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeyNotDeferrable - Static variable in interface java.sql.DatabaseMetaData

A possible value for the column DEFERRABILITY in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeyRestrict - Static variable in interface java.sql.DatabaseMetaData

A possible value for the columns UPDATE\_RULE and DELETE\_RULE in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeySetDefault - Static variable in interface java.sql.DatabaseMetaData

A possible value for the columns UPDATE\_RULE and DELETE\_RULE in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importedKeySetNull - Static variable in interface java.sql.DatabaseMetaData

A possible value for the columns UPDATE\_RULE and DELETE\_RULE in the ResultSet objects returned by the methods getImportedKeys, getExportedKeys, and getCrossReference.

importStyleSheet(URL) - Method in class javax.swing.text.html.StyleSheet

Imports a style sheet from url.

in - Variable in class java.io.FilterReader

The underlying character-input stream, or null if the stream has been closed.

in - Variable in class java.io.FilterInputStream

The input stream to be filtered.

in - Variable in class java.io.PipedInputStream

The index of the position in the circular buffer at which the next byte of data will be stored when received from the connected piped output stream.

in - Static variable in class java.io.FileDescriptor

A handle to the standard input stream.

in - Static variable in class java.lang.System

The "standard" input stream.

INACTIVE\_CAPTION - Static variable in class java.awt.SystemColor

The array index for the inactive caption background color.

INACTIVE\_CAPTION\_BORDER - Static variable in class java.awt.SystemColor

The array index for the inactive caption border color.

INACTIVE\_CAPTION\_TEXT - Static variable in class java.awt.SystemColor

The array index for the inactive caption text color.

inactive(ActivationID) - Static method in class java.rmi.activation.Activable

Informs the system that the object with the corresponding activation id is currently inactive.

inactiveCaption - Static variable in class java.awt.SystemColor

The background color for inactive captions in window borders.

inactiveCaptionBorder - Static variable in class java.awt.SystemColor

The border color for inactive captions in window borders.

inactiveCaptionText - Static variable in class java.awt.SystemColor

The text color for inactive captions in window borders.

inactiveGroup() - Method in class java.rmi.activation.ActivationGroup

This protected method is necessary for subclasses to make the `inactiveGroup` callback to the group's monitor.

inactiveGroup(ActivationGroupID, long) - Method in interface java.rmi.activation.ActivationMonitor

Informs that the group is now inactive.

inactiveObject(ActivationID) - Method in class java.rmi.activation.ActivationGroup

The group's `inactiveObject` method is called indirectly via a call to the `Activatable.inactive` method.

inactiveObject(ActivationID) - Method in interface java.rmi.activation.ActivationMonitor

An activation group calls its monitor's `inactiveObject` method when an object in its group becomes inactive (deactivates).

inCheck - Variable in class java.lang.SecurityManager

Deprecated. *This type of security checking is not recommended. It is recommended that the `checkPermission` call be used instead.*

inClass(String) - Method in class java.lang.SecurityManager

Deprecated. *This type of security checking is not recommended. It is recommended that the `checkPermission` call be used instead.*

inClassLoader() - Method in class java.lang.SecurityManager

Deprecated. *This type of security checking is not recommended. It is recommended that the `checkPermission` call be used instead.*

inclusions - Variable in class javax.swing.text.html.parser.Element

IncompatibleClassChangeError - error java.lang.IncompatibleClassChangeError.

Thrown when an incompatible class change has occurred to some class definition.

IncompatibleClassChangeError() - Constructor for class java.lang.IncompatibleClassChangeError

Constructs an `IncompatibleClassChangeError` with no detail message.

IncompatibleClassChangeError(String) - Constructor for class java.lang.IncompatibleClassChangeError

Constructs an `IncompatibleClassChangeError` with the specified detail message.

InconsistentTypeCode - exception org.omg.CORBA.ORBPackage.InconsistentTypeCode.

`InconsistentTypeCode` is thrown when an attempt is made to create a dynamic any with a type code that

does not match the particular subclass of DynAny.

InconsistentTypeCode() - Constructor for class org.omg.CORBA.ORBPackage.InconsistentTypeCode

Constructs an InconsistentTypeCode user exception with no reason message.

InconsistentTypeCode(String) - Constructor for class org.omg.CORBA.ORBPackage.InconsistentTypeCode

Constructs an InconsistentTypeCode user exception with the specified reason message.

incrButton - Variable in class javax.swing.plaf.basic.BasicScrollBarUI

INCREASE\_HIGHLIGHT - Static variable in class javax.swing.plaf.basic.BasicScrollBarUI

increaseButton - Variable in class javax.swing.plaf.metal.MetalScrollBarUI

incrIndent() - Method in class javax.swing.text.AbstractWriter

Increments the indent level.

inDaylightTime(Date) - Method in class java.util.TimeZone

Queries if the given date is in daylight savings time in this time zone.

inDaylightTime(Date) - Method in class java.util.SimpleTimeZone

Overrides TimeZone Queries if the given date is in Daylight Savings Time.

indent() - Method in class javax.swing.text.AbstractWriter

Does indentation.

index - Variable in class javax.swing.text.html.parser.Element

IndexColorModel - class java.awt.image.IndexColorModel.

The IndexColorModel class is a ColorModel class that works with pixel values consisting of a single sample which is an index into a fixed colormap in the default sRGB ColorSpace.

IndexColorModel(int, int, byte[], byte[], byte[]) - Constructor for class java.awt.image.IndexColorModel

Constructs an IndexColorModel from the specified arrays of red, green, and blue components.

IndexColorModel(int, int, byte[], byte[], byte[], byte[]) - Constructor for class

java.awt.image.IndexColorModel

Constructs an IndexColorModel from the given arrays of red, green, blue and alpha components.

IndexColorModel(int, int, byte[], byte[], byte[], int) - Constructor for class java.awt.image.IndexColorModel

Constructs an IndexColorModel from the given arrays of red, green, and blue components.

IndexColorModel(int, int, byte[], int, boolean) - Constructor for class java.awt.image.IndexColorModel

Constructs an IndexColorModel from a single array of interleaved red, green, blue and optional alpha components.

IndexColorModel(int, int, byte[], int, boolean, int) - Constructor for class java.awt.image.IndexColorModel

Constructs an IndexColorModel from a single array of interleaved red, green, blue and optional alpha components.

IndexColorModel(int, int, int[], int, boolean, int, int) - Constructor for class java.awt.image.IndexColorModel

Constructs an IndexColorModel from an array of ints where each int is comprised of red, green, blue, and optional alpha components in the default RGB color model format.

IndexColorModel(int, int, int[], int, int, BigInteger) - Constructor for class java.awt.image.IndexColorModel

Constructs an IndexColorModel from an int array where each int is comprised of red, green, blue, and alpha components in the default RGB color model format.

IndexedPropertyDescriptor - class java.beans.IndexedPropertyDescriptor.

An IndexedPropertyDescriptor describes a property that acts like an array and has an indexed read and/or indexed write method to access specific elements of the array.

IndexedPropertyDescriptor(String, Class) - Constructor for class java.beans.IndexedPropertyDescriptor

This constructor constructs an `IndexedPropertyDescriptor` for a property that follows the standard Java conventions by having `getFoo` and `setFoo` accessor methods, for both indexed access and array access.

[IndexedPropertyDescriptor\(String, Class, String, String, String, String\)](#) - Constructor for class `java.beans.IndexedPropertyDescriptor`

This constructor takes the name of a simple property, and method names for reading and writing the property, both indexed and non-indexed.

[IndexedPropertyDescriptor\(String, Method, Method, Method, Method\)](#) - Constructor for class `java.beans.IndexedPropertyDescriptor`

This constructor takes the name of a simple property, and `Method` objects for reading and writing the property.

[indexOf\(int\)](#) - Method in class `java.lang.String`

Returns the index within this string of the first occurrence of the specified character.

[indexOf\(int, int\)](#) - Method in class `java.lang.String`

Returns the index within this string of the first occurrence of the specified character, starting the search at the specified index.

[indexOf\(Object\)](#) - Method in class `java.util.AbstractList`

Returns the index in this list of the first occurrence of the specified element, or -1 if the list does not contain this element.

[indexOf\(Object\)](#) - Method in class `java.util.Vector`

Searches for the first occurrence of the given argument, testing for equality using the `equals` method.

[indexOf\(Object\)](#) - Method in class `java.util.LinkedList`

Returns the index in this list of the first occurrence of the specified element, or -1 if the List does not contain this element.

[indexOf\(Object\)](#) - Method in interface `java.util.List`

Returns the index in this list of the first occurrence of the specified element, or -1 if this list does not contain this element.

[indexOf\(Object\)](#) - Method in class `java.util.ArrayList`

Searches for the first occurrence of the given argument, testing for equality using the `equals` method.

[indexOf\(Object\)](#) - Method in class `javax.swing.DefaultListModel`

Searches for the first occurrence of the given argument.

[indexOf\(Object\)](#) - Method in class `javax.swing.plaf.basic.BasicDirectoryModel`

[indexOf\(Object, int\)](#) - Method in class `java.util.Vector`

Searches for the first occurrence of the given argument, beginning the search at `index`, and testing for equality using the `equals` method.

[indexOf\(Object, int\)](#) - Method in class `javax.swing.DefaultListModel`

Searches for the first occurrence of the given argument, beginning the search at `index`.

[indexOf\(String\)](#) - Method in class `java.lang.String`

Returns the index within this string of the first occurrence of the specified substring.

[indexOf\(String, int\)](#) - Method in class `java.lang.String`

Returns the index within this string of the first occurrence of the specified substring, starting at the specified index.

[indexOfComponent\(Component\)](#) - Method in class `javax.swing.JTabbedPane`

Returns the index of the tab for the specified component.

[indexOfTab\(Icon\)](#) - Method in class `javax.swing.JTabbedPane`

Returns the first tab index with a given icon, or -1 if no tab has this icon.

[indexOfTab\(String\)](#) - Method in class `javax.swing.JTabbedPane`

Returns the first tab index with a given title, or -1 if no tab has this title.

[IndexOutOfBoundsException](#) - exception java.lang.[IndexOutOfBoundsException](#).

Thrown to indicate that an index of some sort (such as to an array, to a string, or to a vector) is out of range.

[IndexOutOfBoundsException\(\)](#) - Constructor for class java.lang.[IndexOutOfBoundsException](#)

Constructs an IndexOutOfBoundsException with no detail message.

[IndexOutOfBoundsException\(String\)](#) - Constructor for class java.lang.[IndexOutOfBoundsException](#)

Constructs an IndexOutOfBoundsException with the specified detail message.

[indexToLocation\(int\)](#) - Method in class javax.swing.JList

Returns the origin of the specified item in JList coordinates.

[indexToLocation\(JList, int\)](#) - Method in class javax.swing.plaf.ListUI

Returns the origin of the specified item in JList coordinates, null if index isn't valid.

[indexToLocation\(JList, int\)](#) - Method in class javax.swing.plaf.basic.BasicListUI

[indexToLocation\(JList, int\)](#) - Method in class javax.swing.plaf.multi.MultiListUI

Call indexToLocation on each UI handled by this MultiUI.

[IndirectionException](#) - exception org.omg.CORBA.portable.[IndirectionException](#).

The Indirection exception is a Java specific system exception.

[IndirectionException\(int\)](#) - Constructor for class org.omg.CORBA.portable.[IndirectionException](#)

Creates an IndirectionException with the right offset value.

[InetAddress](#) - class java.net.InetAddress.

This class represents an Internet Protocol (IP) address.

[inf](#) - Variable in class java.util.zip.InflaterInputStream

Decompressor for this stream.

[inflate\(byte\[\]\)](#) - Method in class java.util.zip.Inflater

Uncompresses bytes into specified buffer.

[inflate\(byte\[\], int, int\)](#) - Method in class java.util.zip.Inflater

Uncompresses bytes into specified buffer.

[Inflater](#) - class java.util.zip.Inflater.

This class provides support for general purpose decompression using popular ZLIB compression library.

[Inflater\(\)](#) - Constructor for class java.util.zip.Inflater

Creates a new decompressor.

[Inflater\(boolean\)](#) - Constructor for class java.util.zip.Inflater

Creates a new decompressor.

[InflaterInputStream](#) - class java.util.zip.InflaterInputStream

This class implements a stream filter for uncompressing data in the "deflate" compression format.

[InflaterInputStream\(InputStream\)](#) - Constructor for class java.util.zip.InflaterInputStream

Creates a new input stream with a default decompressor and buffer size.

[InflaterInputStream\(InputStream, Inflater\)](#) - Constructor for class java.util.zip.InflaterInputStream

Creates a new input stream with the specified decompressor and a default buffer size.

[InflaterInputStream\(InputStream, Inflater, int\)](#) - Constructor for class java.util.zip.InflaterInputStream

Creates a new input stream with the specified decompressor and buffer size.

[info](#) - Static variable in class java.awt.SystemColor

The background color for info(help) text.

[INFO](#) - Static variable in class java.awt.SystemColor

The array index for the info background color.

INFO\_TEXT - Static variable in class java.awt.SystemColor

The array index for the info text color.

inFontTag() - Method in class javax.swing.text.html.MinimalHTMLWriter

Returns true if we are currently in a <font> tag.

INFORMATION\_MESSAGE - Static variable in class javax.swing.JOptionPane

Used for information messages.

infoText - Static variable in class java.awt.SystemColor

The text color for info(help) text.

InheritableThreadLocal - class java.lang.InheritableThreadLocal.

This class extends ThreadLocal to provide inheritance of values from parent Thread to child Thread: when a child thread is created, the child receives initial values for all InheritableThreadLocals for which the parent has values.

InheritableThreadLocal() - Constructor for class java.lang.InheritableThreadLocal

Creates an InheritableThreadLocal variable.

inHitRegion(int, int) - Method in class javax.swing.tree.DefaultTreeCellEditor

Should return true if the passed in location is a valid mouse location to start editing from.

init() - Method in class java.applet.Applet

Called by the browser or applet viewer to inform this applet that it has been loaded into the system.

init() - Static method in class org.omg.CORBA.ORB

Returns the ORB singleton object.

init(AlgorithmParameterSpec) - Method in class java.security.AlgorithmParameters

Initializes this parameter object using the parameters specified in paramSpec.

init(AlgorithmParameterSpec) - Method in class java.security.AlgorithmParameterGenerator

Initializes this parameter generator with a set of algorithm-specific parameter generation values.

init(AlgorithmParameterSpec, SecureRandom) - Method in class java.security.AlgorithmParameterGenerator

Initializes this parameter generator with a set of algorithm-specific parameter generation values.

init(Applet, Properties) - Static method in class org.omg.CORBA.ORB

Creates a new ORB instance for an applet.

init(byte[]) - Method in class java.security.AlgorithmParameters

Imports the specified parameters and decodes them according to the primary decoding format for parameters.

init(byte[], String) - Method in class java.security.AlgorithmParameters

Imports the parameters from params and decodes them according to the specified decoding scheme.

init(Hashtable) - Method in class javax.naming.InitialContext

Initializes the initial context using the supplied environment.

init(int) - Method in class java.security.AlgorithmParameterGenerator

Initializes this parameter generator for a certain size.

init(int, SecureRandom) - Method in class java.security.AlgorithmParameterGenerator

Initializes this parameter generator for a certain size and source of randomness.

init(StateEditable, String) - Method in class javax.swing.undo.StateEdit

init(String[], Properties) - Static method in class org.omg.CORBA.ORB

Creates a new ORB instance for a standalone application.

init(String, Icon) - Method in class javax.swing.AbstractButton

init(String, Icon) - Method in class javax.swing.JMenuItem

Initialize the menu item with the specified text and icon.

initClassDefaults(UIDefaults) - Method in class javax.swing.plaf.basic.BasicLookAndFeel

Initialize the uiClassID to BasicComponentUI mapping.

initClassDefaults(UIDefaults) - Method in class javax.swing.plaf.metal.MetalLookAndFeel

Initialize the uiClassID to BasicComponentUI mapping.

initComponentDefaults(UIDefaults) - Method in class javax.swing.plaf.basic.BasicLookAndFeel

initComponentDefaults(UIDefaults) - Method in class javax.swing.plaf.metal.MetalLookAndFeel

INITIAL\_CONTEXT\_FACTORY - Static variable in interface javax.naming.Context

Constant that holds the name of the environment property for specifying the initial context factory to use.

INITIAL\_SELECTION\_VALUE\_PROPERTY - Static variable in class javax.swing.JOptionPane

Bound property name for initialSelectionValue.

INITIAL\_VALUE\_PROPERTY - Static variable in class javax.swing.JOptionPane

Bounds property name for initialValue.

InitialContext - class javax.naming.InitialContext.

This class is the starting context for performing naming operations.

InitialContext() - Constructor for class javax.naming.InitialContext

Constructs an initial context.

InitialContext(boolean) - Constructor for class javax.naming.InitialContext

Constructs an initial context with the option of not initializing it.

InitialContext(Hashtable) - Constructor for class javax.naming.InitialContext

Constructs an initial context using the supplied environment.

InitialContextFactory - interface javax.naming.spi.InitialContextFactory.

This interface represents a factory that creates an initial context.

InitialContextBuilderFactory - interface javax.naming.spi.InitialContextFactoryBuilder.

This interface represents a builder that creates initial context factories.

InitialDirContext - class javax.naming.directory.InitialDirContext.

This class is the starting context for performing directory operations.

InitialDirContext() - Constructor for class javax.naming.directory.InitialDirContext

Constructs an initial DirContext.

InitialDirContext(boolean) - Constructor for class javax.naming.directory.InitialDirContext

Constructs an initial DirContext with the option of not initializing it.

InitialDirContext(Hashtable) - Constructor for class javax.naming.directory.InitialDirContext

Constructs an initial DirContext using the supplied environment.

initialFocusComponent - Variable in class javax.swing.plaf.basic.BasicOptionPaneUI

Component to receive focus when messaged with selectInitialValue.

INITIALIZE - exception org.omg.CORBA.INITIALIZE.

The CORBA INITIALIZE exception, which is thrown when there is an ORB initialization error.

initialize() - Method in class java.beans.beancontext.BeanContextSupport

protected method called from constructor and readObject to initialize transient state of BeanContextSupport instance.

initialize() - Method in class java.beans.beancontext.BeanContextServicesSupport

called by BeanContextSupport superclass during construction and deserialization to initialize subclass transient state.

initialize() - Method in class javax.swing.LookAndFeel

UIManager.setLookAndFeel calls this method before the first call (and typically the only call) to

`getDefaults()`.

**INITIALIZE()** - Constructor for class org.omg.CORBA.**INITIALIZE**

Constructs an INITIALIZE exception with a default minor code of 0 and a completion state of `CompletionStatus.COMPLETED_NO`.

**initialize(AlgorithmParameterSpec)** - Method in class java.security.**KeyPairGenerator**

Initializes the key pair generator using the specified parameter set and the `SecureRandom` implementation of the highest-priority installed provider as the source of randomness.

**initialize(AlgorithmParameterSpec, SecureRandom)** - Method in class java.security.**KeyPairGeneratorSpi**

Initializes the key pair generator using the specified parameter set and user-provided source of randomness.

**initialize(AlgorithmParameterSpec, SecureRandom)** - Method in class java.security.**KeyPairGenerator**

Initializes the key pair generator with the given parameter set and source of randomness.

**initialize(Applet, BeanContext)** - Method in interface java.beans.**AppletInitializer**

If passed to the appropriate variant of `java.beans.Beans.instantiate` this method will be called in order to associate the newly instantiated Applet (JavaBean) with its `AppletContext`, `AppletStub`, and `Container`.

**initialize(DSAParams, SecureRandom)** - Method in interface java.security.interfaces.**DSAKeyPairGenerator**

Initializes the key pair generator using p, q and g, the DSA family parameters.

**initialize(int)** - Method in class java.security.**KeyPairGenerator**

Initializes the key pair generator for a certain keysize using a default parameter set and the `SecureRandom` implementation of the highest-priority installed provider as the source of randomness.

**initialize(int, boolean, SecureRandom)** - Method in interface java.security.interfaces.**DSAKeyPairGenerator**

Initializes the key pair generator for a given modulus length, without parameters.

**INITIALIZE(int, CompletionStatus)** - Constructor for class org.omg.CORBA.**INITIALIZE**

Constructs an INITIALIZE exception with the specified minor code and completion status.

**initialize(int, SecureRandom)** - Method in class java.security.**KeyPairGeneratorSpi**

Initializes the key pair generator for a certain keysize, using the default parameter set.

**initialize(int, SecureRandom)** - Method in class java.security.**KeyPairGenerator**

Initializes the key pair generator for a certain keysize with the given source of randomness (and a default parameter set).

**INITIALIZE(String)** - Constructor for class org.omg.CORBA.**INITIALIZE**

Constructs an INITIALIZE exception with the specified detail message, a minor code of 0, and a completion state of `CompletionStatus.COMPLETED_NO`.

**INITIALIZE(String, int, CompletionStatus)** - Constructor for class org.omg.CORBA.**INITIALIZE**

Constructs an INITIALIZE exception with the specified detail message, minor code, and completion status.

**initializeAutoscrolling(Point)** - Method in class java.awt.dnd.**DropTarget**

initialize autoscrolling

**initializeBeanContextResources()** - Method in class java.beans.beancontext.**BeanContextChildSupport**

This method may be overridden by subclasses to provide their own initialization behaviors.

**initializeBeanContextResources()** - Method in class java.beans.beancontext.**BeanContextServicesSupport**

called from `setBeanContext` to notify a `BeanContextChild` to allocate resources obtained from the nesting `BeanContext`.

**initializeDesktopProperties()** - Method in class java.awt.**Toolkit**

initializeDesktopProperties

**initializeLocalVars()** - Method in class javax.swing.JTable

Initializes table properties to their default values.

**initializeLocalVars()** - Method in class javax.swing.table.JTableHeader

<u>Initializes</u>	Initializes the local variables and properties with default values.
<u>Initializer</u> - class org.omg.CORBA. <u>Initializer</u>	This is the mapping for an IDL structure which specifies an initializer for a value type.
<u>Initializer()</u> - Constructor for class org.omg.CORBA. <u>Initializer</u>	Constructs an Initializer object with the members attribute null.
<u>Initializer(StructMember[])</u> - Constructor for class org.omg.CORBA. <u>Initializer</u>	Constructs an Initializer object and assigns the members attribute with the given parameter.
<u>InitialLdapContext</u> - class javax.naming.ldap. <u>InitialLdapContext</u>	This class is the starting context for performing LDAPv3-style extended operations and controls.
<u>InitialLdapContext()</u> - Constructor for class javax.naming.ldap. <u>InitialLdapContext</u>	Constructs an initial context using no environment properties or connection request controls.
<u>InitialLdapContext(Hashtable, Control[])</u> - Constructor for class javax.naming.ldap. <u>InitialLdapContext</u>	Constructs an initial context using environment properties and connection request controls.
<u>initialSelectionValue</u> - Variable in class javax.swing.JOptionPanel	Initial value to select in selectionValues.
<u>initialValue</u> - Variable in class javax.swing.JOptionPanel	Value that should be initially selected in options.
<u>initialValue()</u> - Method in class java.lang.ThreadLocal	Returns the calling thread's initial value for this ThreadLocal variable.
<u>initSign(PrivateKey)</u> - Method in class java.security.Signature	Initialize this object for signing.
<u>initSign(PrivateKey, SecureRandom)</u> - Method in class java.security.Signature	Initialize this object for signing.
<u>initSystemColorDefaults(UIDefaults)</u> - Method in class javax.swing.plaf.basic.BasicLookAndFeel	Load the SystemColors into the defaults table.
<u>initSystemColorDefaults(UIDefaults)</u> - Method in class javax.swing.plaf.metal.MetalLookAndFeel	Load the SystemColors into the defaults table.
<u>initVerify(Certificate)</u> - Method in class java.security.Signature	Initializes this object for verification, using the public key from the given certificate.
<u>initVerify(PublicKey)</u> - Method in class java.security.Signature	Initializes this object for verification.
<u>InlineView</u> - class javax.swing.text.html. <u>InlineView</u>	Displays the <i>inline element</i> styles based upon css attributes.
<u>InlineView(Element)</u> - Constructor for class javax.swing.text.html. <u>InlineView</u>	Constructs a new view wrapped on an element.
<u>INPUT</u> - Static variable in class javax.swing.text.html.HTML.Tag	
<u>INPUT_METHOD_EVENT_MASK</u> - Static variable in class java.awt.AWTEvent	The event mask for selecting input method events.
<u>INPUT_METHOD_FIRST</u> - Static variable in class java.awt.event.InputMethodEvent	Marks the first integer id for the range of input method event ids.
<u>INPUT_METHOD_HIGHLIGHT</u> - Static variable in class java.awt.font.TextAttribute	Attribute key for input method highlight styles.
<u>INPUT_METHOD_LAST</u> - Static variable in class java.awt.event.InputMethodEvent	Marks the last integer id for the range of input method event ids.
<u>INPUT_METHOD_SEGMENT</u> - Static variable in class java.text.AttributedCharacterIterator.Attribute	Attribute key for input method segments.

[INPUT\\_METHOD\\_TEXT\\_CHANGED](#) - Static variable in class `java.awt.event.InputMethodEvent`

The event type indicating changed input method text.

[INPUT\\_METHOD\\_UNDERLINE](#) - Static variable in class `java.awt.font.TextAttribute`

Attribute key for input method underline adornments.

[INPUT\\_VALUE\\_PROPERTY](#) - Static variable in class `javax.swing.JOptionPanel`

Bound property name for `inputValue`.

[inputComponent](#) - Variable in class `javax.swing.plaf.basic.BasicOptionPaneUI`

JComponent provide for input if `optionPane.getWantsInput()` returns true.

[InputContext](#) - class `java.awt.im.InputContext`.

An `InputContext` object manages the communication between text editing components and input methods.

[InputContext\(\)](#) - Constructor for class `java.awt.im.InputContext`

Constructs an `InputContext`.

[InputEvent](#) - class `java.awt.event.InputEvent`.

The root event class for all component-level input events.

[InputMap](#) - class `javax.swing.InputMap`.

`InputMap` provides a binding between an input event (currently only `KeyStrokes` are used) and an `Object`.

[InputMap\(\)](#) - Constructor for class `javax.swing.InputMap`

Creates an `InputMap` with no parent and no mappings.

[InputMapUIResource](#) - class `javax.swing.plaf.InputMapUIResource`.

A subclass of `javax.swing.InputMap` that implements `UIResource`.

[InputMapUIResource\(\)](#) - Constructor for class `javax.swing.plaf.InputMapUIResource`

[InputMethod](#) - interface `java.awt.im.spi.InputMethod`.

Defines the interface for an input method that supports complex text input.

[InputMethodContext](#) - interface `java.awt.im.spi.InputMethodContext`.

Provides methods that input methods can use to communicate with their client components or to request other services.

[InputMethodDescriptor](#) - interface `java.awt.im.spi.InputMethodDescriptor`.

Defines methods that provide sufficient information about an input method to enable selection and loading of that input method.

[InputMethodEvent](#) - class `java.awt.event.InputMethodEvent`.

Input method events contain information about text that is being composed using an input method.

[InputMethodEvent\(Component, int, AttributedCharacterIterator, int, TextHitInfo, TextHitInfo\)](#) - Constructor for class `java.awt.event.InputMethodEvent`

Constructs an `InputMethodEvent` with the specified source component, type, text, caret, and `visiblePosition`.

[InputMethodEvent\(Component, int, TextHitInfo, TextHitInfo\)](#) - Constructor for class `java.awt.event.InputMethodEvent`

Constructs an `InputMethodEvent` with the specified source component, type, caret, and `visiblePosition`.

[InputMethodHighlight](#) - class `java.awt.im.InputMethodHighlight`.

An `InputMethodHighlight` is used to describe the highlight attributes of text being composed.

[InputMethodHighlight\(boolean, int\)](#) - Constructor for class `java.awt.im.InputMethodHighlight`

Constructs an input method highlight record.

[InputMethodHighlight\(boolean, int, int\)](#) - Constructor for class `java.awt.im.InputMethodHighlight`

Constructs an input method highlight record.

[InputMethodHighlight\(boolean, int, int, Map\)](#) - Constructor for class `java.awt.im.InputMethodHighlight`

Constructs an input method highlight record.

InputMethodListener - interface java.awt.event.InputMethodListener.

The listener interface for receiving input method events.

InputMethodRequests - interface java.awt.im.InputMethodRequests.

InputMethodRequests defines the requests that a text editing component has to handle in order to work with input methods.

inputMethodTextChanged(InputMethodEvent) - Method in class java.awt.AWTEventMulticaster

Handles the inputMethodTextChanged event by invoking the inputMethodTextChanged methods on listener-a and listener-b.

inputMethodTextChanged(InputMethodEvent) - Method in interface java.awt.event.InputMethodListener

Invoked when the text entered through an input method has changed.

InputStream - class java.io.InputStream.

This abstract class is the superclass of all classes representing an input stream of bytes.

InputStream - class org.omg.CORBA.portable.InputStream.

InputStream is the Java API for reading IDL types from CDR marshal streams.

InputStream - class org.omg.CORBA\_2\_3.portable.InputStream.

InputStream provides for the reading of all of the mapped IDL types from the stream.

InputStream() - Constructor for class java.io.InputStream

InputStream() - Constructor for class org.omg.CORBA.portable.InputStream

InputStream() - Constructor for class org.omg.CORBA\_2\_3.portable.InputStream

InputStreamReader - class java.io.InputStreamReader.

An InputStreamReader is a bridge from byte streams to character streams: It reads bytes and translates them into characters according to a specified character encoding.

InputStreamReader(InputStream) - Constructor for class java.io.InputStreamReader

Create an InputStreamReader that uses the default character encoding.

InputStreamReader(InputStream, String) - Constructor for class java.io.InputStreamReader

Create an InputStreamReader that uses the named character encoding.

InputSubset - class java.awt.im.InputSubset.

Defines additional Unicode subsets for use by input methods.

inputValue - Variable in class javax.swing.JOptionPanel

Value the user has input.

InputVerifier - class javax.swing.InputVerifier.

The purpose of this class is to help clients support smooth focus navigation through GUIs with text fields.

InputVerifier() - Constructor for class javax.swing.InputVerifier

inRange(Element) - Method in class javax.swing.text.AbstractWriter

This method determines whether the current element is in the range specified.

INSERT - Static variable in class java.awt.Event

The Insert key, a non-ASCII action key.

INSERT - Static variable in interface javax.accessibility.AccessibleTableModelChange

Identifies the insertion of new rows and/or columns.

INSERT - Static variable in class javax.swing.event.DocumentEvent.EventType

Insert type.

INSERT - Static variable in class javax.swing.event.TableModelEvent

Identifies the addition of new rows or columns.

insert\_any(Any) - Method in interface org.omg.CORBA.DynAny

Inserts the given org.omg.CORBA.Any object as the value for this DynAny object.

insert\_any(Any) - Method in class org.omg.CORBA.Any

Inserts the given Any object into this Any object's value field.

insert\_boolean(boolean) - Method in interface org.omg.CORBA.DynAny

Inserts the given boolean as the value for this DynAny object.

insert\_boolean(boolean) - Method in class org.omg.CORBA.Any

Inserts the given boolean into this Any object's value field.

insert\_char(char) - Method in interface org.omg.CORBA.DynAny

Inserts the given char as the value for this DynAny object.

insert\_char(char) - Method in class org.omg.CORBA.Any

Inserts the given char into this Any object's value field.

insert\_double(double) - Method in interface org.omg.CORBA.DynAny

Inserts the given double as the value for this DynAny object.

insert\_double(double) - Method in class org.omg.CORBA.Any

Inserts the given double into this Any object's value field.

insert\_fixed(BigDecimal) - Method in class org.omg.CORBA.Any

Inserts the given java.math.BigDecimal object into this Any object's value field.

insert\_fixed(BigDecimal, TypeCode) - Method in class org.omg.CORBA.Any

Inserts the given java.math.BigDecimal object into this Any object's value field.

insert\_float(float) - Method in interface org.omg.CORBA.DynAny

Inserts the given float as the value for this DynAny object.

insert\_float(float) - Method in class org.omg.CORBA.Any

Inserts the given float into this Any object's value field.

insert\_long(int) - Method in interface org.omg.CORBA.DynAny

Inserts the given int as the value for this DynAny object.

insert\_long(int) - Method in class org.omg.CORBA.Any

Inserts the given int into this Any object's value field.

insert\_longlong(long) - Method in interface org.omg.CORBA.DynAny

Inserts the given long as the value for this DynAny object.

insert\_longlong(long) - Method in class org.omg.CORBA.Any

Inserts the given long into this Any object's value field.

insert\_Object(Object) - Method in class org.omg.CORBA.Any

Inserts the given org.omg.CORBA.Object object into this Any object's value field.

insert\_Object(Object, TypeCode) - Method in class org.omg.CORBA.Any

Inserts the given org.omg.CORBA.Object object into this Any object's value field.

insert\_octet(byte) - Method in interface org.omg.CORBA.DynAny

Inserts the given byte as the value for this DynAny object.

insert\_octet(byte) - Method in class org.omg.CORBA.Any

Inserts the given byte into this Any object's value field.

insert\_Principal(Principal) - Method in class org.omg.CORBA.Any

Deprecated. Deprecated by CORBA 2.2.

insert\_reference(Object) - Method in interface org.omg.CORBA.DynAny

Inserts the given org.omg.CORBA.Object as the value for this DynAny object.

insert\_short(short) - Method in interface org.omg.CORBA.DynAny

- Inserts the given short as the value for this DynAny object.
- insert\_short(short) - Method in class org.omg.CORBA.Any
- Inserts the given short into this Any object's value field.
- insert\_Streamable(Streamable) - Method in class org.omg.CORBA.Any
- Inserts the given Streamable object into this Any object's value field.
- insert\_string(String) - Method in interface org.omg.CORBA.DynAny
- Inserts the given String object as the value for this DynAny object.
- insert\_string(String) - Method in class org.omg.CORBA.Any
- Inserts the given String object into this Any object's value field.
- insert\_typecode(TypeCode) - Method in interface org.omg.CORBA.DynAny
- Inserts the given org.omg.CORBA.TypeCode as the value for this DynAny object.
- insert\_TypeCode(TypeCode) - Method in class org.omg.CORBA.Any
- Inserts the given TypeCode object into this Any object's value field.
- insert\_ulong(int) - Method in interface org.omg.CORBA.DynAny
- Inserts the given int as the value for this DynAny object.
- insert\_ulong(int) - Method in class org.omg.CORBA.Any
- Inserts the given int into this Any object's value field.
- insert\_ulonglong(long) - Method in interface org.omg.CORBA.DynAny
- Inserts the given long as the value for this DynAny object.
- insert\_ulonglong(long) - Method in class org.omg.CORBA.Any
- Inserts the given long into this Any object's value field.
- insert\_ushort(short) - Method in interface org.omg.CORBA.DynAny
- Inserts the given short as the value for this DynAny object.
- insert\_ushort(short) - Method in class org.omg.CORBA.Any
- Inserts the given short into this Any object's value field.
- insert\_val(Serializable) - Method in interface org.omg.CORBA.DynAny
- Inserts the given java.io.Serializable object as the value for this DynAny object.
- insert\_Value(Serializable) - Method in class org.omg.CORBA.Any
- Inserts the given java.io.Serializable object into this Any object's value field.
- insert\_Value(Serializable, TypeCode) - Method in class org.omg.CORBA.Any
- Inserts the given java.io.Serializable object into this Any object's value field.
- insert\_wchar(char) - Method in interface org.omg.CORBA.DynAny
- Inserts the given char as the value for this DynAny object.
- insert\_wchar(char) - Method in class org.omg.CORBA.Any
- Inserts the given char into this Any object's value field.
- insert\_wstring(String) - Method in interface org.omg.CORBA.DynAny
- Inserts the given String as the value for this DynAny object.
- insert\_wstring(String) - Method in class org.omg.CORBA.Any
- Inserts the given String object into this Any object's value field.
- insert(Action, int) - Method in class javax.swing.JMenu
- Inserts a new menu item attached to the specified Action object at a given position.
- insert(Action, int) - Method in class javax.swing.JPopupMenu
- Inserts a menu item for the specified Action object at a given position.
- insert(Any, AlreadyBound) - Static method in class  
org.omg.CosNaming.NamingContextPackage.AlreadyBoundHelper
- insert(Any, Any[]) - Static method in class org.omg.CORBA.AnySeqHelper

[insert\(Any, Binding\)](#) - Static method in class org.omg.CosNaming.[BindingHelper](#)

[insert\(Any, Binding\[\]\)](#) - Static method in class org.omg.CosNaming.[BindingListHelper](#)

[insert\(Any, BindingIterator\)](#) - Static method in class org.omg.CosNaming.[BindingIteratorHelper](#)

[insert\(Any, BindingType\)](#) - Static method in class org.omg.CosNaming.[BindingTypeHelper](#)

[insert\(Any, boolean\[\]\)](#) - Static method in class org.omg.CORBA.[BooleanSeqHelper](#)

[insert\(Any, byte\[\]\)](#) - Static method in class org.omg.CORBA.[OctetSeqHelper](#)

[insert\(Any, CannotProceed\)](#) - Static method in class  
org.omg.CosNaming.NamingContextPackage.[CannotProceedHelper](#)

[insert\(Any, char\[\]\)](#) - Static method in class org.omg.CORBA.[CharSeqHelper](#)

[insert\(Any, char\[\]\)](#) - Static method in class org.omg.CORBA.[WCharSeqHelper](#)

[insert\(Any, CompletionStatus\)](#) - Static method in class org.omg.CORBA.[CompletionStatusHelper](#)

[insert\(Any, Current\)](#) - Static method in class org.omg.CORBA.[CurrentHelper](#)

[insert\(Any, DefinitionKind\)](#) - Static method in class org.omg.CORBA.[DefinitionKindHelper](#)

[insert\(Any, double\[\]\)](#) - Static method in class org.omg.CORBA.[DoubleSeqHelper](#)

[insert\(Any, float\[\]\)](#) - Static method in class org.omg.CORBA.[FloatSeqHelper](#)

[insert\(Any, IDLType\)](#) - Static method in class org.omg.CORBA.[IDLTypeHelper](#)

[insert\(Any, int\)](#) - Static method in class org.omg.CORBA.[PolicyTypeHelper](#)

[insert\(Any, int\[\]\)](#) - Static method in class org.omg.CORBA.[LongSeqHelper](#)

[insert\(Any, int\[\]\)](#) - Static method in class org.omg.CORBA.[ULongSeqHelper](#)

[insert\(Any, InvalidName\)](#) - Static method in class  
org.omg.CosNaming.NamingContextPackage.[InvalidNameHelper](#)

[insert\(Any, long\[\]\)](#) - Static method in class org.omg.CORBA.[ULongLongSeqHelper](#)

[insert\(Any, long\[\]\)](#) - Static method in class org.omg.CORBA.[LongLongSeqHelper](#)

[insert\(Any, NameComponent\)](#) - Static method in class org.omg.CosNaming.[NameComponentHelper](#)

[insert\(Any, NameComponent\[\]\)](#) - Static method in class org.omg.CosNaming.NameHelper

[insert\(Any, NameValuePair\)](#) - Static method in class org.omg.CORBA.NameValuePairHelper

[insert\(Any, NamingContext\)](#) - Static method in class org.omg.CosNaming.NamingContextHelper

[insert\(Any, NotEmpty\)](#) - Static method in class  
org.omg.CosNaming.NamingContextPackage.NotEmptyHelper

[insert\(Any, NotFound\)](#) - Static method in class org.omg.CosNaming.NamingContextPackage.NotFoundHelper

[insert\(Any, NotFoundReason\)](#) - Static method in class  
org.omg.CosNaming.NamingContextPackage.NotFoundReasonHelper

[insert\(Any, Object\)](#) - Static method in class org.omg.CORBA.ObjectHelper

[insert\(Any, Policy\)](#) - Static method in class org.omg.CORBA.PolicyHelper

[insert\(Any, Policy\[\]\)](#) - Static method in class org.omg.CORBA.PolicyListHelper

[insert\(Any, Serializable\)](#) - Static method in class org.omg.CORBA.ValueBaseHelper

[insert\(Any, ServiceDetail\)](#) - Static method in class org.omg.CORBA.ServiceDetailHelper

[insert\(Any, ServiceInformation\)](#) - Static method in class org.omg.CORBA.ServiceInformationHelper

[insert\(Any, SetOverrideType\)](#) - Static method in class org.omg.CORBA.SetOverrideTypeHelper

[insert\(Any, short\)](#) - Static method in class org.omg.CORBA.VisibilityHelper

[insert\(Any, short\[\]\)](#) - Static method in class org.omg.CORBA.UShortSeqHelper

[insert\(Any, short\[\]\)](#) - Static method in class org.omg.CORBA.ShortSeqHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CORBA.IdentifierHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CORBA.StringValueHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CORBA.VersionSpecHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CORBA.WStringValueHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CORBA.RepositoryIdHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CORBA.FieldNameHelper

[insert\(Any, String\)](#) - Static method in class org.omg.CosNaming.IstringHelper

insert(Any, StructMember) - Static method in class org.omg.CORBA.StructMemberHelper

insert(Any, UnionMember) - Static method in class org.omg.CORBA.UnionMemberHelper

insert(Any, ValueMember) - Static method in class org.omg.CORBA.ValueMemberHelper

insert(Component, int) - Method in class javax.swing.JPopupMenu

Inserts the specified component into the menu at a given position.

insert(int, boolean) - Method in class java.lang.StringBuffer

Inserts the string representation of the boolean argument into this string buffer.

insert(int, char) - Method in class java.lang.StringBuffer

Inserts the string representation of the char argument into this string buffer.

insert(int, char[]) - Method in class java.lang.StringBuffer

Inserts the string representation of the char array argument into this string buffer.

insert(int, char[], int, int) - Method in class java.lang.StringBuffer

Inserts the string representation of a subarray of the str array argument into this string buffer.

insert(int, DefaultStyledDocument.ElementSpec[]) - Method in class javax.swing.text.DefaultStyledDocument

Inserts new elements in bulk.

insert(int, DefaultStyledDocument.ElementSpec[]) - Method in class javax.swing.text.html.HTMLDocument

Inserts new elements in bulk.

insert(int, double) - Method in class java.lang.StringBuffer

Inserts the string representation of the double argument into this string buffer.

insert(int, float) - Method in class java.lang.StringBuffer

Inserts the string representation of the float argument into this string buffer.

insert(int, int) - Method in class java.lang.StringBuffer

Inserts the string representation of the second int argument into this string buffer.

insert(int, int, DefaultStyledDocument.ElementSpec[], AbstractDocument.DefaultDocumentEvent) - Method in class javax.swing.text.DefaultStyledDocument.ElementBuffer

Inserts new content.

insert(int, long) - Method in class java.lang.StringBuffer

Inserts the string representation of the long argument into this string buffer.

insert(int, Object) - Method in class java.lang.StringBuffer

Inserts the string representation of the Object argument into this string buffer.

insert(int, String) - Method in class java.lang.StringBuffer

Inserts the string into this string buffer.

insert(int, View) - Method in class javax.swing.text.View

Inserts a single child view.

insert(JMenuItem, int) - Method in class javax.swing.JMenu

Inserts the specified JMenuItem at a given position.

insert(MenuItem, int) - Method in class java.awt.Menu

Inserts a menu item into this menu at the specified position.

insert(MutableTreeNode, int) - Method in class javax.swing.tree.DefaultMutableTreeNode

Removes newChild from its present parent (if it has a parent), sets the child's parent to this node, and then adds the child to this node's child array at index childIndex.

insert(MutableTreeNode, int) - Method in interface javax.swing.tree.MutableTreeNode

Adds child to the receiver at index.

insert(String, int) - Method in class java.awt.Menu

Inserts a menu item with the specified label into this menu at the specified position.

insert(String, int) - Method in class java.awt.Choice

Inserts the item into this choice at the specified position.

insert(String, int) - Method in class java.awt.TextArea

Inserts the specified text at the specified position in this text area.

insert(String, int) - Method in class javax.swing.JMenu

Inserts a new menu item with the specified text at a given position.

insert(String, int) - Method in class javax.swing.JTextArea

Inserts the specified text at the specified position.

insertAfterEnd(Element, String) - Method in class javax.swing.text.html.HTMLDocument

Inserts the HTML specified as a string after the end of the given element.

insertAfterStart(Element, String) - Method in class javax.swing.text.html.HTMLDocument

Inserts the HTML specified as a string at the start of the element.

insertAtBoundary(JEditorPane, HTMLDocument, int, Element, String, HTML.Tag, HTML.Tag) - Method in class javax.swing.text.html.HTMLElementKit.InsertHTMLTextAction

This is invoked when inserting at a boundary.

insertAtBoundary(JEditorPane, HTMLDocument, int, Element, String, HTML.Tag, HTML.Tag) - Method in class javax.swing.text.html.HTMLElementKit.InsertHTMLTextAction

Deprecated. As of Java 2 platform v1.3, use *insertAtBoundary*

insertBeforeEnd(Element, String) - Method in class javax.swing.text.html.HTMLDocument

Inserts the HTML specified as a string at the end of the element.

insertBeforeStart(Element, String) - Method in class javax.swing.text.html.HTMLDocument

Inserts the HTML specified as string before the start of the given element.

insertBreakAction - Static variable in class javax.swing.text.DefaultEditorKit

Name of the action to place a line/paragraph break into the document.

insertChar(AttributedCharacterIterator, int) - Method in class java.awt.font.LineBreakMeasurer

Updates this LineBreakMeasurer after a single character is inserted into the text, and sets the current position to the beginning of the paragraph.

insertChar(AttributedCharacterIterator, int) - Method in class java.awt.font.TextMeasurer

Updates the TextMeasurer after a single character has been inserted into the paragraph currently represented by this TextMeasurer.

insertComponent(Component) - Method in class javax.swing.JTextPane

Inserts a component into the document as a replacement for the currently selected content.

insertContentAction - Static variable in class javax.swing.text.DefaultEditorKit

Name of the action to place content into the associated document.

insertElementAt(Object, int) - Method in class java.util.Vector

Inserts the specified object as a component in this vector at the specified index.

insertElementAt(Object, int) - Method in class javax.swing.DefaultComboBoxModel

insertElementAt(Object, int) - Method in class javax.swing.DefaultListModel

Inserts the specified object as a component in this list at the specified index.

insertElementAt(Object, int) - Method in interface javax.swing.MutableComboBoxModel

Adds an item at a specific index

insertEntries(int, int, int) - Method in class javax.swing.SizeSequence

Adds a contiguous group of entries to this SizeSequence.

insertHTML(HTMLDocument, int, String, int, int, HTML.Tag) - Method in class

[javax.swing.text.html.HTMLEditorKit](#)

Inserts HTML into an existing document.

[insertHTML\(JEditorPane, HTMLDocument, int, String, int, int, HTML.Tag\)](#) - Method in class

[javax.swing.text.html.HTMLEditorKit.InsertHTMLTextAction](#)

A cover for HTMLEditorKit.insertHTML.

[insertIcon\(Icon\)](#) - Method in class [javax.swing.JTextPane](#)

Inserts an icon into the document as a replacement for the currently selected content.

[insertIndexForLayer\(int, int\)](#) - Method in class [javax.swing.JLayeredPane](#)

Primative method that determines the proper location to insert a new child based on layer and position requests.

[insertIndexInterval\(int, int, boolean\)](#) - Method in class [javax.swing.DefaultListSelectionModel](#)

Insert length indices beginning before/after index.

[insertIndexInterval\(int, int, boolean\)](#) - Method in interface [javax.swing.ListSelectionModel](#)

Insert length indices beginning before/after index.

[insertItemAt\(Object, int\)](#) - Method in class [javax.swing.JComboBox](#)

Inserts an item into the item list at a given index.

[insertNodeInto\(MutableTreeNode, MutableTreeNode, int\)](#) - Method in class

[javax.swing.tree.DefaultTreeModel](#)

Invoked this to insert newChild at location index in parents children.

[insertProviderAt\(Provider, int\)](#) - Static method in class [java.security.Security](#)

Adds a new provider, at a specified position.

[insertRow\(\)](#) - Method in interface [java.sql.ResultSet](#)

Inserts the contents of the insert row into this ResultSet object and into the database.

[insertRow\(int, Object\[\]\)](#) - Method in class [javax.swing.table.DefaultTableModel](#)

Inserts a row at row in the model.

[insertRow\(int, Vector\)](#) - Method in class [javax.swing.table.DefaultTableModel](#)

Inserts a row at row in the model.

[insertsAreDetected\(int\)](#) - Method in interface [java.sql.DatabaseMetaData](#)

Indicates whether or not a visible row insert can be detected by calling ResultSet.rowInserted().

[insertSeparator\(int\)](#) - Method in class [java.awt.Menu](#)

Inserts a separator at the specified position.

[insertSeparator\(int\)](#) - Method in class [javax.swing.JMenu](#)

Inserts a separator at the specified position.

[insertString\(int, String\)](#) - Method in interface [javax.swing.text.AbstractDocument.Content](#)

Inserts a string of characters into the sequence.

[insertString\(int, String\)](#) - Method in class [javax.swing.text.StringContent](#)

Inserts a string into the content.

[insertString\(int, String\)](#) - Method in class [javax.swing.text.GapContent](#)

Inserts a string into the content.

[insertString\(int, String, AttributeSet\)](#) - Method in interface [javax.swing.text.Document](#)

Inserts a string of content.

[insertString\(int, String, AttributeSet\)](#) - Method in class [javax.swing.text.AbstractDocument](#)

Inserts some content into the document.

[insertTab\(String, Icon, Component, String, int\)](#) - Method in class [javax.swing.JTabbedPane](#)

Inserts a component, at index, represented by a title and/or icon, either of which may be null.

[insertTabAction](#) - Static variable in class [javax.swing.text.DefaultEditorKit](#)

Name of the action to place a tab character into the document.

Get the state of this object.

getAccessibleStateSet() - Method in class `java.awt.Dialog.AccessibleAWTDialog`

Get the state of this object.

getAccessibleStateSet() - Method in class `java.awt.Frame.AccessibleAWTFrame`

Get the state of this object.

getAccessibleStateSet() - Method in class `java.awt.TextField.AccessibleAWTTextField`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `java.awt.TextArea.AccessibleAWTTextArea`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.accessibility.AccessibleContext`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JComponent.AccessibleJComponent`

Gets the state of this object.

getAccessibleStateSet() - Method in class `javax.swing.AbstractButton.AccessibleAbstractButton`

Get the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JTextField.AccessibleJTextField`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JEditorPane.AccessibleJEditorPane`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JList.AccessibleJList`

Get the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JList.AccessibleJListChild`

getAccessibleStateSet() - Method in class `javax.swing.JFrame.AccessibleJFrame`

Get the state of this object.

getAccessibleStateSet() - Method in class `javax.swing.JSplitPane.AccessibleJSplitPane`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode`

Get the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JToolBar.AccessibleJToolBar`

Get the state of this object.

getAccessibleStateSet() - Method in class `javax.swing.JMenuBar.AccessibleJMenuBar`

Get the accessible state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.ImageIcon.AccessibleImageIcon`

Gets the state of this object.

getAccessibleStateSet() - Method in class `javax.swing.JTextArea.AccessibleJTextArea`

Gets the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JScrollBar.AccessibleJScrollBar`

Get the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JProgressBar.AccessibleJProgressBar`

Get the state set of this object.

getAccessibleStateSet() - Method in class `javax.swing.JDialog.AccessibleJDialog`

Get the state of this object.

getAccessibleStateSet() - Method in class `javax.swing.JSlider.AccessibleJSlider`

Get the state set of this object.

getAccessibleStateSet() - Method in class  
javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getAccessibleStateSet() - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent  
    Gets the state set of the JTextComponent.

getAccessibleStateSet(Component) - Static method in class javax.swing.SwingUtilities  
    Get the state of this object.

getAccessibleSummary() - Method in interface javax.accessibility.AccessibleTable  
    Returns the summary description of the table.

getAccessibleSummary() - Method in class javax.swing.JTable.AccessibleJTable  
    Returns the summary description of the table.

getAccessibleTable() - Method in class javax.accessibility.AccessibleContext  
    Gets the AccessibleTable associated with an object

getAccessibleTable() - Method in class javax.swing.JTable.AccessibleJTable  
    Get the AccessibleTable associated with this object.

getAccessibleText() - Method in class java.awt.TextComponent.AccessibleAWTTextComponent  
    Get the AccessibleText associated with this object.

getAccessibleText() - Method in class javax.accessibility.AccessibleContext  
    Gets the AccessibleText associated with this object presently editable text on the display.

getAccessibleText() - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

getAccessibleText() - Method in class javax.swing.JEditorPane.AccessibleJEditorPaneHTML

getAccessibleText() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getAccessibleText() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode  
    Get the AccessibleText associated with this object if one exists.

getAccessibleText() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell  
    Gets the AccessibleText associated with this object if one exists.

getAccessibleText() - Method in class javax.swing.JLabel.AccessibleJLabel

getAccessibleText() - Method in class  
javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getAccessibleText() - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent  
    Get the AccessibleText associated with this object.

getAccessibleValue() - Method in class java.awt.Scrollbar.AccessibleAWTScrollBar  
    Get the AccessibleValue associated with this object.

getAccessibleValue() - Method in class java.awt.MenuItem.AccessibleAWTMenuItem  
    Get the AccessibleValue associated with this object.

getAccessibleValue() - Method in class java.awt.Checkbox.AccessibleAWTCheckbox  
    Get the AccessibleValue associated with this object.

getAccessibleValue() - Method in class java.awt.Button.AccessibleAWTButton  
    Get the AccessibleValue associated with this object.

getAccessibleValue() - Method in class java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem  
    Get the AccessibleValue associated with this object.

getAccessibleValue() - Method in class javax.accessibility.AccessibleContext

Gets the AccessibleValue associated with this object that supports a Numerical value.  
[getAccessibleValue\(\)](#) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

[getAccessibleValue\(\)](#) - Method in class javax.swing.JInternalFrame.AccessibleJInternalFrame

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JSplitPane.AccessibleJSplitPane

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

Get the AccessibleValue associated with this object if one exists.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

Gets the AccessibleValue associated with this object if one exists.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JScrollBar.AccessibleJScrollBar

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JProgressBar.AccessibleJProgressBar

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.JSlider.AccessibleJSlider

Get the AccessibleValue associated with this object.

[getAccessibleValue\(\)](#) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

[getAccessory\(\)](#) - Method in class javax.swing.JFileChooser

Returns the accessory component.

[getAccessoryPanel\(\)](#) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

[getAction\(\)](#) - Method in class javax.swing.AbstractButton

Returns the currently set Action for this ActionEvent source, or null if no Action is set.

[getAction\(\)](#) - Method in class javax.swing.JTextField

Returns the currently set Action for this ActionEvent source, or null if no Action is set.

[getAction\(\)](#) - Method in class javax.swing.JComboBox

Returns the currently set Action for this ActionEvent source, or null if no Action is set.

[getAction\(Stroke\)](#) - Method in interface javax.swing.text.Keymap

Fetches the action appropriate for the given symbolic event sequence.

[getActionCommand\(\)](#) - Method in class java.awt.MenuItem

Gets the command name of the action event that is fired by this menu item.

[getActionCommand\(\)](#) - Method in class java.awt.Button

Returns the command name of the action event fired by this button.

[getActionCommand\(\)](#) - Method in class java.awt.event.ActionEvent

Returns the command string associated with this action.

[getActionCommand\(\)](#) - Method in class javax.swing.AbstractButton

Returns the action command for this button.

[getActionCommand\(\)](#) - Method in interface javax.swing.ButtonModel

Returns the action command for this button.

[getActionCommand\(\)](#) - Method in class javax.swing.JComboBox

Returns the action command that is included in the event sent to action listeners.  
[getActionCommand\(\)](#) - Method in class javax.swing.DefaultButtonModel

Returns the action command for this button.

[getActionForKeyStroke\(KeyStroke\)](#) - Method in class javax.swing.JComponent

Returns the object that will perform the action registered for a given keystroke.

[getActionMap\(\)](#) - Method in class javax.swing.JComponent

Returns the ActionMap used to determine what Action to fire for particular KeyStroke binding.

[getActionMap\(\)](#) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

[getActions\(\)](#) - Method in class java.io.FilePermission

Returns the "canonical string representation" of the actions.

[getActions\(\)](#) - Method in class java.net.SocketPermission

Returns the canonical string representation of the actions.

[getActions\(\)](#) - Method in class java.security.Permission

Returns the actions as a String.

[getActions\(\)](#) - Method in class java.security.BasicPermission

Returns the canonical string representation of the actions, which currently is the empty string "", since there are no actions for a BasicPermission.

[getActions\(\)](#) - Method in class java.security.UnresolvedPermission

Returns the canonical string representation of the actions, which currently is the empty string "", since there are no actions for an UnresolvedPermission.

[getActions\(\)](#) - Method in class java.security.AllPermission

Returns the canonical string representation of the actions.

[getActions\(\)](#) - Method in class java.util.PropertyPermission

Returns the "canonical string representation" of the actions.

[getActions\(\)](#) - Method in class javax.swing.JTextField

Fetches the command list for the editor.

[getActions\(\)](#) - Method in class javax.swing.text.JTextComponent

Fetches the command list for the editor.

[getActions\(\)](#) - Method in class javax.swing.text.EditorKit

Fetches the set of commands that can be used on a text component that is using a model and view produced by this kit.

[getActions\(\)](#) - Method in class javax.swing.text.DefaultEditorKit

Fetches the set of commands that can be used on a text component that is using a model and view produced by this kit.

[getActions\(\)](#) - Method in class javax.swing.text.StyledEditorKit

Fetches the command list for the editor.

[getActions\(\)](#) - Method in class javax.swing.text.html.HTMLEditorKit

Fetches the command list for the editor.

[getActivationDesc\(ActivationID\)](#) - Method in interface java.rmi.activation.ActivationSystem

Returns the activation descriptor, for the object with the activation identifier, id.

[getActivationGroupDesc\(ActivationGroupID\)](#) - Method in interface java.rmi.activation.ActivationSystem

Returns the activation group descriptor, for the group with the activation group identifier, id.

[getActualMaximum\(int\)](#) - Method in class java.util.Calendar

Return the maximum value that this field could have, given the current date.

[getActualMaximum\(int\)](#) - Method in class java.util.GregorianCalendar

Return the maximum value that this field could have, given the current date.

getActualMinimum(int) - Method in class java.util.Calendar

    Return the minimum value that this field could have, given the current date.

getActualMinimum(int) - Method in class java.util.GregorianCalendar

    Return the minimum value that this field could have, given the current date.

getAdditionalBeanInfo() - Method in interface java.beans.BeanInfo

    This method allows a BeanInfo object to return an arbitrary collection of other BeanInfo objects that provide additional information on the current bean.

getAdditionalBeanInfo() - Method in class java.beans.SimpleBeanInfo

    Claim there are no other relevant BeanInfo objects.

getAdditionalHeight() - Method in class javax.swing.plaf.metal.MetalIconFactory.FolderIcon16

getAdditionalHeight() - Method in class javax.swing.plaf.metal.MetalIconFactory.TreeFolderIcon

getAdditionalHeight() - Method in class javax.swing.plaf.metal.MetalIconFactory.FileIcon16

getAdditionalHeight() - Method in class javax.swing.plaf.metal.MetalIconFactory.TreeLeafIcon

getAddListenerMethod() - Method in class java.beans.EventSetDescriptor

    Gets the method used to add event listeners.

getAddress() - Method in class java.net.InetAddress

    Returns the raw IP address of this InetAddress object.

getAddress() - Method in class java.net DatagramPacket

    Returns the IP address of the machine to which this datagram is being sent or from which the datagram was received.

getAdjustable() - Method in class java.awt.event.AdjustmentEvent

    Returns the Adjustable object where this event originated.

getAdjustmentType() - Method in class java.awt.event.AdjustmentEvent

    Returns the type of adjustment which caused the value changed event.

getAdler() - Method in class java.util.zip.Deflater

    Returns the ADLER-32 value of the uncompressed data.

getAdler() - Method in class java.util.zip.Inflater

    Returns the ADLER-32 value of the uncompressed data.

getAdvance() - Method in class java.awt.font.GlyphMetrics

    Returns the advance width or height of the glyph.

getAdvance() - Method in class java.awt.font.TextLayout

    Returns the advance of this TextLayout.

getAdvance() - Method in class java.awt.font.GraphicAttribute

    Returns the advance of this GraphicAttribute.

getAdvance() - Method in class java.awt.font.ImageGraphicAttribute

    Returns the advance of this ImageGraphicAttribute.

getAdvance() - Method in class java.awt.font.ShapeGraphicAttribute

    Returns the advance of this ShapeGraphicAttribute.

getAdvanceBetween(int, int) - Method in class java.awt.font.TextMeasurer

    Returns the graphical width of a line beginning at start and including characters up to limit.

getAfterIndex(int, int) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent

    Returns the String after a given index.

getAfterIndex(int, int) - Method in interface javax.accessibility.AccessibleText

Returns the String after a given index.

getAfterIndex(int, int) - Method in class javax.swing.AccessibleAbstractButton

Returns the String after a given index.

getAfterIndex(int, int) - Method in class javax.swing.AccessibleJLabel

Returns the String after a given index.

getAfterIndex(int, int) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent

Returns the String after a given index.

getAlgorithm() - Method in class java.security.KeyFactory

Gets the name of the algorithm associated with this KeyFactory.

getAlgorithm() - Method in class java.security.KeyPairGenerator

Returns the standard name of the algorithm for this key pair generator.

getAlgorithm() - Method in interface java.security.Key

Returns the standard algorithm name for this key.

getAlgorithm() - Method in class java.security.AlgorithmParameters

Returns the name of the algorithm associated with this parameter object.

getAlgorithm() - Method in class java.security.AlgorithmParameterGenerator

Returns the standard name of the algorithm this parameter generator is associated with.

getAlgorithm() - Method in class java.security.SignedObject

Retrieves the name of the signature algorithm.

getAlgorithm() - Method in class java.security.MessageDigest

Returns a string that identifies the algorithm, independent of implementation details.

getAlgorithm() - Method in class java.security.Signature

Returns the name of the algorithm for this signature object.

getAlgorithmProperty(String, String) - Static method in class java.security.Security

Deprecated. *This method used to return the value of a proprietary property in the master file of the "SUN" Cryptographic Service Provider in order to determine how to parse algorithm-specific parameters. Use the new provider-based and algorithm-independent AlgorithmParameters and KeyFactory engine classes (introduced in the Java 2 platform) instead.*

getAlignedSizeRequirements(SizeRequirements[]) - Static method in class javax.swing.SizeRequirements

Determines the total space necessary to align a set of components.

getAlignment() - Method in class java.awt.Label

Gets the current alignment of this label.

getAlignment() - Method in class java.awt.FlowLayout

Gets the alignment for this layout.

getAlignment() - Method in class java.awt.font.GraphicAttribute

Returns the alignment of this GraphicAttribute.

getAlignment() - Method in class javax.swing.text.TabStop

getAlignment(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Gets the alignment setting.

getAlignment(int) - Method in class javax.swing.text.View

Determines the desired alignment for this view along an axis.

getAlignment(int) - Method in class javax.swing.text.GlyphView

Determines the desired alignment for this view along an axis.

getAlignment(int) - Method in class javax.swing.text.BoxView

Determines the desired alignment for this view along an axis.

getAlignment(int) - Method in class javax.swing.text.ParagraphView

Determines the desired alignment for this view along an axis.  
[getAlignment\(int\)](#) - Method in class javax.swing.text.ComponentView

Determines the desired alignment for this view along an axis.  
[getAlignment\(int\)](#) - Method in class javax.swing.text.IconView

Determines the desired alignment for this view along an axis.  
[getAlignment\(int\)](#) - Method in class javax.swing.text.html.BlockView

Gets the alignment.  
[getAlignment\(int\)](#) - Method in class javax.swing.text.html.ListView

Calculates the desired shape of the list.  
[getAlignmentX\(\)](#) - Method in class java.awt.Component

Returns the alignment along the x axis.  
[getAlignmentX\(\)](#) - Method in class java.awt.Container

Returns the alignment along the x axis.  
[getAlignmentX\(\)](#) - Method in class javax.swing.JComponent

Overrides Container.getAlignmentX to return the vertical alignment.  
[getAlignmentY\(\)](#) - Method in class java.awt.Component

Returns the alignment along the y axis.  
[getAlignmentY\(\)](#) - Method in class java.awt.Container

Returns the alignment along the y axis.  
[getAlignmentY\(\)](#) - Method in class javax.swing.JComponent

Overrides Container.getAlignmentY to return the horizontal alignment.  
[getAll\(\)](#) - Method in class javax.naming.Reference

Retrieves an enumeration of the addresses in this reference.  
[getAll\(\)](#) - Method in interface javax.naming.Name

Retrieves the components of this name as an enumeration of strings.  
[getAll\(\)](#) - Method in class javax.naming.CompoundName

Retrieves the components of this compound name as an enumeration of strings.  
[getAll\(\)](#) - Method in class javax.naming.CompositeName

Retrieves the components of this composite name as an enumeration of strings.  
[getAll\(\)](#) - Method in class javax.naming.directory.BasicAttribute

Retrieves an enumeration of this attribute's values.  
[getAll\(\)](#) - Method in interface javax.naming.directory.Attributes

Retrieves an enumeration of the attributes in the attribute set.  
[getAll\(\)](#) - Method in interface javax.naming.directory.Attribute

Retrieves an enumeration of the attribute's values.  
[getAll\(\)](#) - Method in class javax.naming.directory.BasicAttributes

[getAllAttributeKeys\(\)](#) - Method in interface java.text.AttributedCharacterIterator  
Returns the keys of all attributes defined on the iterator's text range.

[getAllAttributeKeys\(\)](#) - Static method in class javax.swing.text.html.HTML  
This is the set of html attributes recognized.

[getAllAttributeKeys\(\)](#) - Static method in class javax.swing.text.html.CSS  
Return the set of all possible CSS attribute keys.

[getAllByName\(String\)](#) - Static method in class java.net.InetAddress  
Determines all the IP addresses of a host, given the host's name.

[getAllFonts\(\)](#) - Method in class java.awt.GraphicsEnvironment  
Returns an array containing a one-point size instance of all fonts available in this GraphicsEnvironment.

[getAllFrames\(\)](#) - Method in class javax.swing.JDesktopPane

Returns all JInternalFrames currently displayed in the desktop.

[getAllFramesInLayer\(int\)](#) - Method in class javax.swing.JDesktopPane

Returns all JInternalFrames currently displayed in the specified layer of the desktop.

[getAllowsChildren\(\)](#) - Method in class javax.swing.text.AbstractDocument.AbstractElement

Returns true if the receiver allows children.

[getAllowsChildren\(\)](#) - Method in class javax.swing.text.AbstractDocument.BranchElement

Returns true if the receiver allows children.

[getAllowsChildren\(\)](#) - Method in class javax.swing.text.AbstractDocument.LeafElement

Returns true if the receiver allows children.

[getAllowsChildren\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns true if this node is allowed to have children.

[getAllowsChildren\(\)](#) - Method in interface javax.swing.tree.TreeNode

Returns true if the receiver allows children.

[getAllowUserInteraction\(\)](#) - Method in class java.net.URLConnection

Returns the value of the allowUserInteraction field for this object.

[getAllTags\(\)](#) - Static method in class javax.swing.text.html.HTML

This is the set of actual html tags that are known about the the default html reader.

[getAlpha\(\)](#) - Method in class java.awt.Color

Returns the alpha component in the range 0-255.

[getAlpha\(\)](#) - Method in class java.awt.AlphaComposite

Returns the alpha value of thisAlphaComposite.

[getAlpha\(int\)](#) - Method in class java.awt.image.ColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlpha\(int\)](#) - Method in class java.awt.image.ComponentColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlpha\(int\)](#) - Method in class java.awt.image.DirectColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlpha\(int\)](#) - Method in class java.awt.image.IndexColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlpha\(Object\)](#) - Method in class java.awt.image.ColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlpha\(Object\)](#) - Method in class java.awt.image.ComponentColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlpha\(Object\)](#) - Method in class java.awt.image.DirectColorModel

Returns the alpha component for the specified pixel, scaled from 0 to 255.

[getAlphaMask\(\)](#) - Method in class java.awt.image.DirectColorModel

Returns the mask indicating which bits in an int pixel representation contain the alpha component.

[getAlphaRaster\(\)](#) - Method in class java.awt.image BufferedImage

Returns a WritableRaster representing the alpha channel for BufferedImage objects with ColorModel objects that support a separate spatial alpha channel, such as ComponentColorModel and DirectColorModel.

[getAlphaRaster\(WritableRaster\)](#) - Method in class java.awt.image.ColorModel

Returns a Raster representing the alpha channel of an image, extracted from the input Raster, provided that pixel values of this ColorModel represent color and alpha information as separate spatial bands (e.g.

[getAlphaRaster\(WritableRaster\)](#) - Method in class java.awt.image.PackedColorModel

Returns a WritableRaster representing the alpha channel of an image, extracted from the input

`WritableRaster.`

[getAlphaRaster\(WritableRaster\)](#) - Method in class `java.awt.image.ComponentColorModel`  
Returns a Raster representing the alpha channel of an image, extracted from the input Raster.

[getAlphas\(byte\[\]\)](#) - Method in class `java.awt.image.IndexColorModel`  
Copies the array of alpha transparency components into the specified array.

[getAltName\(\)](#) - Method in class `javax.naming.CannotProceedException`  
Retrieves the altName field of this exception.

[getAltNameCtx\(\)](#) - Method in class `javax.naming.CannotProceedException`  
Retrieves the altNameCtx field of this exception.

[getAmountFullInsets\(int, int\)](#) - Method in class `javax.swing.plaf.basic.BasicProgressBarUI`  
This determines the amount of the progress bar that should be filled based on the percent done gathered from the model.

[getAmPmStrings\(\)](#) - Method in class `java.text.DateFormatSymbols`  
Gets ampm strings.

[getAncestor\(\)](#) - Method in class `javax.swing.event.AncestorEvent`  
Returns the ancestor that the event actually occurred on.

[getAncestorNamed\(String, Component\)](#) - Static method in class `javax.swing.SwingUtilities`  
Convenience method for searching above comp in the component hierarchy and returns the first object of name it finds.

[getAncestorOfClass\(Class, Component\)](#) - Static method in class `javax.swing.SwingUtilities`  
Convenience method for searching above comp in the component hierarchy and returns the first object of class c it finds.

[getAncestorParent\(\)](#) - Method in class `javax.swing.event.AncestorEvent`  
Returns the parent of the ancestor the event actually occurred on.

[getAnchorRect\(\)](#) - Method in class `java.awt.TexturePaint`  
Returns a copy of the anchor rectangle which positions and sizes the textured image.

[getAnchorSelectionIndex\(\)](#) - Method in class `javax.swing.DefaultListSelectionModel`

[getAnchorSelectionIndex\(\)](#) - Method in class `javax.swing.JList`  
Returns the first index argument from the most recent addSelectionModel or setSelectionInterval call.

[getAnchorSelectionIndex\(\)](#) - Method in interface `javax.swing.ListSelectionModel`  
Return the first index argument from the most recent call to setSelectionInterval(), addSelectionInterval() or removeSelectionInterval().

[getAnchorSelectionPath\(\)](#) - Method in class `javax.swing.JTree`  
Returns the path identified as the anchor.

[getAngleExtent\(\)](#) - Method in class `java.awt.geom.Arc2D`  
Returns the angular extent of the arc.

[getAngleExtent\(\)](#) - Method in class `java.awt.geom.Arc2D.Float`  
Returns the angular extent of the arc.

[getAngleExtent\(\)](#) - Method in class `java.awt.geom.Arc2D.Double`  
Returns the angular extent of the arc.

[getAngleStart\(\)](#) - Method in class `java.awt.geom.Arc2D`  
Returns the starting angle of the arc.

[getAngleStart\(\)](#) - Method in class `java.awt.geom.Arc2D.Float`  
Returns the starting angle of the arc.

[getAngleStart\(\)](#) - Method in class `java.awt.geom.Arc2D.Double`  
Returns the starting angle of the arc.

getApplet(String) - Method in interface java.applet.AppletContext

Finds and returns the applet in the document represented by this applet context with the given name.

getAppletContext() - Method in class java.applet.Applet

Determines this applet's context, which allows the applet to query and affect the environment in which it runs.

getAppletContext() - Method in interface java.applet.AppletStub

Gets a handler to the applet's context.

getAppletInfo() - Method in class java.applet.Applet

Returns information about this applet.

getApplets() - Method in interface java.applet.AppletContext

Finds all the applets in the document represented by this applet context.

getApproveButton(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getApproveButton(JFileChooser) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

getApproveButtonMnemonic() - Method in class javax.swing.JFileChooser

Returns the approve button's mnemonic.

getApproveButtonMnemonic(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getApproveButtonText() - Method in class javax.swing.JFileChooser

Returns the text used in the ApproveButton in the FileChooserUI.

getApproveButtonText(JFileChooser) - Method in class javax.swing.plaf.FileChooserUI

getApproveButtonText(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getApproveButtonText(JFileChooser) - Method in class javax.swing.plaf.multi.MultiFileChooserUI

Call getApproveButtonText on each UI handled by this MultiUI.

getApproveButtonToolTipText() - Method in class javax.swing.JFileChooser

Returns the tooltip text used in the ApproveButton.

getApproveButtonToolTipText(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getApproveSelectionAction() - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getArcHeight() - Method in class java.awt.geom.RoundRectangle2D

Gets the height of the arc that rounds off the corners.

getArcHeight() - Method in class java.awt.geom.RoundRectangle2D.Float

Returns the height of the arc that rounds off the corners.

getArcHeight() - Method in class java.awt.geom.RoundRectangle2D.Double

Returns the height of the arc that rounds off the corners.

getArcType() - Method in class java.awt.geom.Arc2D

Returns the arc closure type of the arc: OPEN, CHORD, or PIE.

getArcWidth() - Method in class java.awt.geom.RoundRectangle2D

Gets the width of the arc that rounds off the corners.

getArcWidth() - Method in class java.awt.geom.RoundRectangle2D.Float

Returns the width of the arc that rounds off the corners.

getArcWidth() - Method in class java.awt.geom.RoundRectangle2D.Double

Returns the width of the arc that rounds off the corners.

getAreaOfInterest() - Method in class `java.awt.image.renderable.RenderContext`

Gets the areas of interest currently contained in the `RenderContext`.

getArray() - Method in interface `java.sql.Array`

Retrieves the contents of the SQL `ARRAY` value designated by this `Array` object in the form of an array in the Java programming language.

getArray() - Method in class `javax.swing.text.DefaultStyledDocument.ElementSpec`

Gets the array of characters.

getArray(int) - Method in interface `java.sql.CallableStatement`

Gets the value of a JDBC `ARRAY` parameter as an `Array` object in the Java programming language.

getArray(int) - Method in interface `java.sql.ResultSet`

Returns the value of the designated column in the current row of this `ResultSet` object as an `Array` object in the Java programming language.

getArray(long, int) - Method in interface `java.sql.Array`

Returns an array containing a slice of the SQL `ARRAY` value designated by this `Array` object, beginning with the specified `index` and containing up to `count` successive elements of the SQL array.

getArray(long, int, Map) - Method in interface `java.sql.Array`

Returns an array containing a slice of the SQL array object designated by this `Array` object, beginning with the specified `index` and containing up to `count` successive elements of the SQL array.

getArray(Map) - Method in interface `java.sql.Array`

Retrieves the contents of the SQL array designated by this `Array` object.

getArray(String) - Method in interface `java.sql.ResultSet`

Returns the value of the designated column in the current row of this `ResultSet` object as an `Array` object in the Java programming language.

getArrayLength() - Method in class `javax.swing.text.GapContent`

Get the length of the allocated array.

getAscent() - Method in class `java.awt.FontMetrics`

Determines the *font ascent* of the `Font` described by this `FontMetrics` object.

getAscent() - Method in class `java.awt.font.TextLayout`

Returns the ascent of this `TextLayout`.

getAscent() - Method in class `java.awt.font.GraphicAttribute`

Returns the ascent of this `GraphicAttribute`.

getAscent() - Method in class `java.awt.font.ImageGraphicAttribute`

Returns the ascent of this `ImageGraphicAttribute`.

getAscent() - Method in class `java.awt.font.LineMetrics`

Returns the ascent of the text.

getAscent() - Method in class `java.awt.font.ShapeGraphicAttribute`

Returns the ascent of this `ShapeGraphicAttribute`.

getAscent(GlyphView) - Method in class `javax.swing.text.GlyphView.GlyphPainter`

getAsciiStream() - Method in interface `java.sql.Clob`

Gets the CLOB value designated by this `Clob` object as a stream of Ascii bytes.

getAsciiStream(int) - Method in interface `java.sql.ResultSet`

Gets the value of the designated column in the current row of this `ResultSet` object as a stream of ASCII characters.

getAsciiStream(String) - Method in interface `java.sql.ResultSet`

Gets the value of the designated column in the current row of this `ResultSet` object as a stream of ASCII characters.

getAsString() - Method in interface `java.beans.PropertyEditor`

    Gets the property value as text.

getAsString() - Method in class `java.beans.PropertyEditorSupport`

    Gets the property value as a string suitable for presentation to a human to edit.

getAsynchronousLoadPriority() - Method in class `javax.swing.text.AbstractDocument`

    Get the asynchronous loading priority.

getAtIndex(int, int) - Method in class `java.awt.TextComponent.AccessibleAWTTextComponent`

    Returns the String at a given index.

getAtIndex(int, int) - Method in interface `javax.accessibility.AccessibleText`

    Returns the String at a given index.

getAtIndex(int, int) - Method in class `javax.swing.AbstractButton.AccessibleAbstractButton`

    Returns the String at a given index.

getAtIndex(int, int) - Method in class `javax.swing.JLabel.AccessibleJLabel`

    Returns the String at a given index.

getAtIndex(int, int) - Method in class `javax.swing.text.JTextComponent.AccessibleJTextComponent`

    Returns the String at a given index.

getAttribute() - Method in class `javax.naming.directory.ModificationItem`

    Retrieves the attribute associated with this modification item.

getAttribute(AttributeCharacterIterator.Attribute) - Method in interface `java.text.AttributedCharacterIterator`

    Returns the value of the named attribute for the current character.

getAttribute(Object) - Method in class `javax.swing.text.SimpleAttributeSet`

    Gets the value of an attribute.

getAttribute(Object) - Method in class `javax.swing.text.StyleContext.SmallAttributeSet`

    Gets the value of an attribute.

getAttribute(Object) - Method in class `javax.swing.text.StyleContext.NamedStyle`

    Gets the value of an attribute.

getAttribute(Object) - Method in class `javax.swing.text.AbstractDocument.AbstractElement`

    Gets the value of an attribute.

getAttribute(Object) - Method in interface `javax.swing.text.AttributeSet`

    Fetches the value of the given attribute.

getAttribute(String) - Static method in class `javax.swing.text.html.CSS`

    Translate a string to a CSS.Attribute object.

getAttribute(String) - Method in class `javax.swing.text.html.parser.Element`

    Get an attribute by name.

getAttributeByValue(String) - Method in class `javax.swing.text.html.parser.Element`

    Get an attribute by value.

getAttributeContext() - Method in class `javax.swing.text.AbstractDocument`

    Fetches the context for managing attributes.

getAttributeCount() - Method in class `javax.swing.text.SimpleAttributeSet`

    Gets a count of the number of attributes.

getAttributeCount() - Method in class `javax.swing.text.StyleContext.SmallAttributeSet`

    Gets the number of attributes that are defined.

getAttributeCount() - Method in class `javax.swing.text.StyleContext.NamedStyle`

    Gets the number of attributes that are defined.

getAttributeCount() - Method in class `javax.swing.text.AbstractDocument.AbstractElement`

    Gets the number of attributes that are defined.

getAttributeCount() - Method in interface `javax.swing.text.AttributeSet`

- Returns the number of attributes contained in this set.
- getAttributeDefinition() - Method in class javax.naming.directory.BasicAttribute  
Retrieves this attribute's schema definition.
- getAttributeDefinition() - Method in interface javax.naming.directory.Attribute  
Retrieves the attribute's schema definition.
- getAttributeKey(String) - Static method in class javax.swing.text.html.HTML  
Fetch an attribute constant for a well-known attribute name (i.e.
- getAttributeNames() - Method in class javax.swing.text.SimpleAttributeSet  
Gets the names of the attributes in the set.
- getAttributeNames() - Method in class javax.swing.text.StyleContext.SmallAttributeSet  
Gets the names of all attributes.
- getAttributeNames() - Method in class javax.swing.text.StyleContext.NamedStyle  
Gets the names of all attributes.
- getAttributeNames() - Method in class javax.swing.text.AbstractDocument.AbstractElement  
Gets the names of all attributes.
- getAttributeNames() - Method in interface javax.swing.text.AttributeSet  
Returns an enumeration over the names of the attributes in the set.
- getAttributes() - Method in class java.awt.Font  
Returns a map of font attributes available in this Font.
- getAttributes() - Method in class java.net.JarURLConnection  
Return the Attributes object for this connection if the URL for it points to a JAR file entry, null otherwise.
- getAttributes() - Method in interface java.sql.Struct  
Produces the ordered values of the attributes of the SQL structurec type that this Struct object represents.
- getAttributes() - Method in interface java.text.AttributedCharacterIterator  
Returns a map with the attributes defined on the current character.
- getAttributes() - Method in class java.util.jar.JarEntry  
Returns the Manifest Attributes for this entry, or null if none.
- getAttributes() - Method in class javax.naming.directory.SearchResult  
Retrieves the attributes in this search result.
- getAttributes() - Method in class javax.naming.spi.DirStateFactory.Result  
Retrieves the attributes to be bound.
- getAttributes() - Method in class javax.swing.text.View  
Fetches the attributes to use when rendering.
- getAttributes() - Method in interface javax.swing.text.Element  
Fetches the collection of attributes this element contains.
- getAttributes() - Method in class javax.swing.text.AbstractDocument.AbstractElement  
Gets the attributes for the element.
- getAttributes() - Method in class javax.swing.text.DefaultStyledDocument.ElementSpec  
Gets the element attributes.
- getAttributes() - Method in class javax.swing.text.html.Option  
Fetch the attributes associated with this option.
- getAttributes() - Method in class javax.swing.text.html.ParagraphView  
Fetches the attributes to use when rendering.
- getAttributes() - Method in class javax.swing.text.html.BlockView  
Fetches the attributes to use when rendering.

[getAttributes\(\)](#) - Method in class javax.swing.text.html.[InlineView](#)

Fetches the attributes to use when rendering.

[getAttributes\(\)](#) - Method in class javax.swing.text.html.[HTMLDocument.Iterator](#)

Fetch the attributes for this tag.

[getAttributes\(\)](#) - Method in class javax.swing.text.html.parser.[Parser](#)

[getAttributes\(\)](#) - Method in class javax.swing.text.html.parser.[Element](#)

Get the attributes.

[getAttributes\(Map\)](#) - Method in interface java.sql.[Struct](#)

Produces the ordered values of the attributes of the SQL structurec type that this Struct object represents.

[getAttributes\(Name\)](#) - Method in interface javax.naming.directory.[DirContext](#)

Retrieves all of the attributes associated with a named object.

[getAttributes\(Name\)](#) - Method in class javax.naming.directory.[InitialDirContext](#)

[getAttributes\(Name, String\[\]\)](#) - Method in interface javax.naming.directory.[DirContext](#)

Retrieves selected attributes associated with a named object.

[getAttributes\(Name, String\[\]\)](#) - Method in class javax.naming.directory.[InitialDirContext](#)

[getAttributes\(String\)](#) - Method in class java.util.jar.[Manifest](#)

Returns the Attributes for the specified entry name.

[getAttributes\(String\)](#) - Method in interface javax.naming.directory.[DirContext](#)

Retrieves all of the attributes associated with a named object.

[getAttributes\(String\)](#) - Method in class javax.naming.directory.[InitialDirContext](#)

[getAttributes\(String, String\[\]\)](#) - Method in interface javax.naming.directory.[DirContext](#)

Retrieves selected attributes associated with a named object.

[getAttributes\(String, String\[\]\)](#) - Method in class javax.naming.directory.[InitialDirContext](#)

[getAttributeSyntaxDefinition\(\)](#) - Method in class javax.naming.directory.[BasicAttribute](#)

Retrieves the syntax definition associated with this attribute.

[getAttributeSyntaxDefinition\(\)](#) - Method in interface javax.naming.directory.[Attribute](#)

Retrieves the syntax definition associated with the attribute.

[getAudioClip\(URL\)](#) - Method in interface java.applet.[AppletContext](#)

Creates an audio clip.

[getAudioClip\(URL\)](#) - Method in class java.applet.[Applet](#)

Returns the AudioClip object specified by the URL argument.

[getAudioClip\(URL, String\)](#) - Method in class java.applet.[Applet](#)

Returns the AudioClip object specified by the URL and name arguments.

[getAudioFileFormat\(File\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

Obtains the audio file format of the specified File.

[getAudioFileFormat\(File\)](#) - Method in class javax.sound.sampled.spi.[AudioFileReader](#)

Obtains the audio file format of the File provided.

[getAudioFileFormat\(InputStream\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

Obtains the audio file format of the provided input stream.

[getAudioFileFormat\(InputStream\)](#) - Method in class javax.sound.sampled.spi.[AudioFileReader](#)

Obtains the audio file format of the input stream provided.

[getAudioFileFormat\(URL\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

    Obtains the audio file format of the specified URL.

[getAudioFileFormat\(URL\)](#) - Method in class javax.sound.sampled.spi.[AudioFileReader](#)

    Obtains the audio file format of the URL provided.

[getAudioFileTypes\(\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

    Obtains the file types for which file writing support is provided by the system.

[getAudioFileTypes\(\)](#) - Method in class javax.sound.sampled.spi.[AudioFileWriter](#)

    Obtains the file types for which file writing support is provided by this audio file writer.

[getAudioFileTypes\(AudioInputStream\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

    Obtains the file types that the system can write from the audio input stream specified.

[getAudioFileTypes\(AudioInputStream\)](#) - Method in class javax.sound.sampled.spi.[AudioFileWriter](#)

    Obtains the file types that this audio file writer can write from the audio input stream specified.

[getAudioInputStream\(AudioFormat.Encoding, AudioInputStream\)](#) - Static method in class

    javax.sound.sampled.[AudioSystem](#)

    Obtains an audio input stream of the indicated encoding, by converting the provided audio input stream.

[getAudioInputStream\(AudioFormat.Encoding, AudioInputStream\)](#) - Method in class

    javax.sound.sampled.spi.[FormatConversionProvider](#)

    Obtains an audio input stream with the specified encoding from the given audio input stream.

[getAudioInputStream\(AudioFormat, AudioInputStream\)](#) - Static method in class

    javax.sound.sampled.[AudioSystem](#)

    Obtains an audio input stream of the indicated format, by converting the provided audio input stream.

[getAudioInputStream\(AudioFormat, AudioInputStream\)](#) - Method in class

    javax.sound.sampled.spi.[FormatConversionProvider](#)

    Obtains an audio input stream with the specified format from the given audio input stream.

[getAudioInputStream\(File\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

    Obtains an audio input stream from the provided File.

[getAudioInputStream\(File\)](#) - Method in class javax.sound.sampled.spi.[AudioFileReader](#)

    Obtains an audio input stream from the File provided.

[getAudioInputStream\(InputStream\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

    Obtains an audio input stream from the provided input stream.

[getAudioInputStream\(InputStream\)](#) - Method in class javax.sound.sampled.spi.[AudioFileReader](#)

    Obtains an audio input stream from the input stream provided.

[getAudioInputStream\(URL\)](#) - Static method in class javax.sound.sampled.[AudioSystem](#)

    Obtains an audio input stream from the URL provided.

[getAudioInputStream\(URL\)](#) - Method in class javax.sound.sampled.spi.[AudioFileReader](#)

    Obtains an audio input stream from the URL provided.

[getAuthority\(\)](#) - Method in class java.net.[URL](#)

    Returns the authority part of this URL.

[getAutoCommit\(\)](#) - Method in interface java.sql.[Connection](#)

    Gets the current auto-commit state.

[getAutoCreateColumnsFromModel\(\)](#) - Method in class javax.swing.[JTable](#)

    Determines whether the table will create default columns from the model.

[getAutoDelay\(\)](#) - Method in class java.awt.[Robot](#)

    Returns the number of milliseconds this Robot sleeps after generating an event.

[getAutoResizeMode\(\)](#) - Method in class javax.swing.[JTable](#)

    Returns the auto resize mode of the table.

[getAutoscrollInsets\(\)](#) - Method in interface java.awt.dnd.[Autoscroll](#)

This method returns the Insets describing the autoscrolling region or border relative to the geometry of the implementing Component.

getAutoscrolls() - Method in class javax.swing.JComponent

Returns true if this component automatically scrolls its contents when dragged (when contained in a component that supports scrolling, like JViewport).

getAuxiliaryLookAndFeels() - Static method in class javax.swing.UIManager

Return the list of auxiliary look and feels (can be null).

getAvailableAttributes() - Method in class java.awt.Font

Returns the keys of all the attributes supported by this Font.

getAvailableFontFamilyNames() - Method in class java.awt.GraphicsEnvironment

Returns an array containing the names of all font families available in this GraphicsEnvironment.

getAvailableFontFamilyNames(Locale) - Method in class java.awt.GraphicsEnvironment

Returns an array containing the localized names of all font families available in this GraphicsEnvironment.

getAvailableIDs() - Static method in class java.util.TimeZone

Gets all the available IDs supported.

getAvailableIDs(int) - Static method in class java.util.TimeZone

Gets the available IDs according to the given time zone offset.

getAvailableInstruments() - Method in interface javax.sound.midi.Synthesizer

Obtains a list of instruments that come with the synthesizer.

getAvailableLocales() - Method in interface java.awt.im.spi.InputMethodDescriptor

Returns the locales supported by the corresponding input method.

getAvailableLocales() - Static method in class java.text.NumberFormat

Get the set of Locales for which NumberFormats are installed

getAvailableLocales() - Static method in class java.text.Collator

Get the set of Locales for which Collators are installed.

getAvailableLocales() - Static method in class java.text.DateFormat

Gets the set of locales for which DateFormats are installed.

getAvailableLocales() - Static method in class java.text.BreakIterator

Get the set of Locales for which BreakIterators are installed

getAvailableLocales() - Static method in class java.util.Calendar

Gets the list of locales for which Calendars are installed.

getAvailableLocales() - Static method in class java.util.Locale

Returns a list of all installed locales.

getAvailableSize(Dimension, Insets) - Method in class

javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager

Returns the available width based on the container size and Insets.

getAxis() - Method in class javax.swing.text.BoxView

Fetch the axis property.

getBackground() - Method in class java.awt.Component

Gets the background color of this component.

getBackground() - Method in class java.awt.Component.AccessibleAWTComponent

Get the background color of this object.

getBackground() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Get the background color of this object.

getBackground() - Method in class java.awt.Graphics2D

Returns the background color used for clearing a region.

getBackground() - Method in class `java.awt.List.AccessibleAWTList.AccessibleAWTListChild`

    Get the background color of this object.

getBackground() - Method in class `java.awt.TextComponent`

    Gets the background color of this text component.

getBackground() - Method in interface `javax.accessibility.AccessibleComponent`

    Gets the background color of this object.

getBackground() - Method in class `javax.swing.JList.AccessibleJList.AccessibleJListChild`

getBackground() - Method in class `javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode`

    Get the background color of this object.

getBackground() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`

    Gets the background color of this object.

getBackground() - Method in class `javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry`

getBackground() - Method in class `javax.swing.text.GlyphView`

    Fetch the background color to use to render the glyphs.

getBackground() - Method in class `javax.swing.text.LabelView`

    Fetch the background color to use to render the glyphs.

getBackground(AttributeSet) - Method in class `javax.swing.text.StyleContext`

    Takes a set of attributes and turn it into a background color specification.

getBackground(AttributeSet) - Static method in class `javax.swing.text.StyleConstants`

    Gets the background color setting from the attribute list.

getBackground(AttributeSet) - Method in interface `javax.swing.text.StyledDocument`

    Takes a set of attributes and turn it into a background color specification.

getBackground(AttributeSet) - Method in class `javax.swing.text.DefaultStyledDocument`

    Gets the background color from an attribute set.

getBackground(AttributeSet) - Method in class `javax.swing.text.html.StyleSheet`

    Takes a set of attributes and turn it into a background color specification.

getBackgroundAt(int) - Method in class `javax.swing.JTabbedPane`

    Returns the tab background color at index.

getBackgroundNonSelectionColor() - Method in class `javax.swing.tree.DefaultTreeCellRenderer`

    Returns the background color to be used for non selected nodes.

getBackgroundSelectionColor() - Method in class `javax.swing.tree.DefaultTreeCellRenderer`

    Returns the color to use for the background if node is selected.

getBandOffsets() - Method in class `java.awt.image.ComponentSampleModel`

    Returns the band offset for all bands.

getBank() - Method in class `javax.sound.midi.Patch`

    Returns the number of the bank that contains the instrument whose location this Patch specifies.

getBankData() - Method in class `java.awt.image.DataBufferUShort`

    Returns the data arrays for all banks.

getBankData() - Method in class `java.awt.image.DataBufferByte`

    Returns the data arrays for all banks.

getBankData() - Method in class `java.awt.image.DataBufferInt`

    Returns the data arrays for all banks.

getBankData() - Method in class `java.awt.image.DataBufferShort`

    Returns the data arrays for all banks.

[getBankIndices\(\)](#) - Method in class `java.awt.image.ComponentSampleModel`

Returns the bank indices for all bands.

[getBase\(\)](#) - Method in class `javax.swing.text.html.StyleSheet`

Returns the base.

[getBase\(\)](#) - Method in class `javax.swing.text.html.HTMLDocument`

Gets the location to resolve relative URLs against.

[getBaseline\(\)](#) - Method in class `java.awt.font.TextLayout`

Returns the baseline for this `TextLayout`.

[getBaselineFor\(char\)](#) - Method in class `java.awt.Font`

Returns the baseline appropriate for displaying this character.

[getBaselineIndex\(\)](#) - Method in class `java.awt.font.LineMetrics`

Returns the baseline index of the text.

[getBaselineOffsets\(\)](#) - Method in class `java.awt.font.TextLayout`

Returns the offsets array for the baselines used for this `TextLayout`.

[getBaselineOffsets\(\)](#) - Method in class `java.awt.font.LineMetrics`

Returns the baseline offsets of the text, relative to the baseline of the text.

[getBaseType\(\)](#) - Method in interface `java.sql.Array`

Returns the JDBC type of the elements in the array designated by this `Array` object.

[getBaseTypeName\(\)](#) - Method in interface `java.sql.Array`

Returns the SQL type name of the elements in the array designated by this `Array` object.

[getBaseTypeName\(\)](#) - Method in interface `java.sql.Ref`

Retrieves the fully-qualified SQL name of the SQL structured type that this `Ref` object references.

[getBasicConstraints\(\)](#) - Method in class `java.security.cert.X509Certificate`

Gets the certificate constraints path length from the critical `BasicConstraints` extension, (OID = 2.5.29.19).

[getBasicSplitPaneUI\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSplitPaneDivider`

Returns the `SplitPaneUI` the receiver is currently in.

[getBeanClass\(\)](#) - Method in class `java.beans.BeanDescriptor`

Gets the bean's Class object.

[getBeanContext\(\)](#) - Method in class `java.beans.beancontext.BeanContextEvent`

Gets the `BeanContext` associated with this event.

[getBeanContext\(\)](#) - Method in interface `java.beans.beancontext.BeanContextChild`

Gets the `BeanContext` associated with this `BeanContextChild`.

[getBeanContext\(\)](#) - Method in class `java.beans.beancontext.BeanContextChildSupport`

Gets the nesting `BeanContext` for this `BeanContextChildSupport`.

[getBeanContextChildPeer\(\)](#) - Method in class `java.beans.beancontext.BeanContextChildSupport`

Gets the `BeanContextChild` associated with this `BeanContextChildSupport`.

[getBeanContextPeer\(\)](#) - Method in class `java.beans.beancontext.BeanContextSupport`

Gets the instance of `BeanContext` that this object is providing the implementation for.

[getBeanContextProxy\(\)](#) - Method in interface `java.beans.beancontext.BeanContextProxy`

Gets the `BeanContextChild` (or subinterface) associated with this object.

[getBeanContextServicesPeer\(\)](#) - Method in class `java.beans.beancontext.BeanContextServicesSupport`

Gets the `BeanContextServices` associated with this `BeanContextServicesSupport`.

[getBeanDescriptor\(\)](#) - Method in interface `java.beans.BeanInfo`

Gets the beans `BeanDescriptor`.

[getBeanDescriptor\(\)](#) - Method in class `java.beans.SimpleBeanInfo`

Deny knowledge about the class and customizer of the bean.

getBeanInfo(Class) - Static method in class java.beans.Introspector

Introspect on a Java bean and learn about all its properties, exposed methods, and events.

getBeanInfo(Class, Class) - Static method in class java.beans.Introspector

Introspect on a Java bean and learn all about its properties, exposed methods, below a given "stop" point.

getBeanInfo(Class, int) - Static method in class java.beans.Introspector

Introspect on a Java bean and learn about all its properties, exposed methods, and events, subject to some control flags.

getBeanInfoSearchPath() - Static method in class java.beans.Introspector

Gets the list of package names that will be used for finding BeanInfo classes.

getBeforeIndex(int, int) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent

Returns the String before a given index.

getBeforeIndex(int, int) - Method in interface javax.accessibility.AccessibleText

Returns the String before a given index.

getBeforeIndex(int, int) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

Returns the String before a given index.

getBeforeIndex(int, int) - Method in class javax.swing.JLabel.AccessibleJLabel

Returns the String before a given index.

getBeforeIndex(int, int) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent

Returns the String before a given index.

getBeginIndex() - Method in interface java.text.CharacterIterator

Returns the start index of the text.

getBeginIndex() - Method in class java.text.StringCharacterIterator

Implements CharacterIterator.getBeginIndex() for String.

getBeginIndex() - Method in class java.text.FieldPosition

Retrieves the index of the first character in the requested field.

getBeginIndex() - Method in class javax.swing.text.Segment

Returns the start index of the text.

getBestConfiguration(GraphicsConfigTemplate) - Method in class java.awt.GraphicsDevice

Returns the "best" configuration possible that passes the criteria defined in the GraphicsConfigTemplate.

getBestConfiguration(GraphicsConfiguration[]) - Method in class java.awt.GraphicsConfigTemplate

Returns the "best" configuration possible that passes the criteria defined in the GraphicsConfigTemplate.

getBestCursorSize(int, int) - Method in class java.awt.Toolkit

Returns the supported cursor dimension which is closest to the desired sizes.

getBestRowIdentifier(String, String, String, int, boolean) - Method in interface java.sql.DatabaseMetaData

Gets a description of a table's optimal set of columns that uniquely identifies a row.

getBevelType() - Method in class javax.swing.border.BevelBorder

Returns the type of the bevel border.

getBidiLevel(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Gets the BidiLevel setting.

getBidiRootElement() - Method in class javax.swing.text.AbstractDocument

Returns the root element of the bidirectional structure for this document.

getBigDecimal(int) - Method in interface java.sql.CallableStatement

Gets the value of a JDBC NUMERIC parameter as a `java.math.BigDecimal` object with as many digits to the right of the decimal point as the value contains.

getBigDecimal(int) - Method in interface java.sql.ResultSet

Gets the value of the designated column in the current row of this `ResultSet` object as a

`java.math.BigDecimal` with full precision.

[getBigDecimal\(int, int\)](#) - Method in interface `java.sql.CallableStatement`  
    Deprecated.

[getBigDecimal\(int, int\)](#) - Method in interface `java.sql.ResultSet`  
    Deprecated.

[getBigDecimal\(String\)](#) - Method in interface `java.sql.ResultSet`  
    Gets the value of the designated column in the current row of this `ResultSet` object as a  
    `java.math.BigDecimal` with full precision.

[getBigDecimal\(String, int\)](#) - Method in interface `java.sql.ResultSet`  
    Deprecated.

[getBinaryStream\(\)](#) - Method in interface `java.sql.Blob`  
    Retrieves the BLOB designated by this `Blob` instance as a stream.

[getBinaryStream\(int\)](#) - Method in interface `java.sql.ResultSet`  
    Gets the value of a column in the current row as a stream of Gets the value of the designated column in  
    the current row of this `ResultSet` object as a binary stream of uninterpreted bytes.

[getBinaryStream\(String\)](#) - Method in interface `java.sql.ResultSet`  
    Gets the value of the designated column in the current row of this `ResultSet` object as a stream of  
    uninterpreted bytes.

[getBitMasks\(\)](#) - Method in class `java.awt.image.SinglePixelPackedSampleModel`  
    Returns the bit masks for all bands.

[getBitOffset\(int\)](#) - Method in class `java.awt.image.MultiPixelPackedSampleModel`  
    Returns the offset, in bits, into the data element in which it is stored for the *x*th pixel of a scanline.

[getBitOffsets\(\)](#) - Method in class `java.awt.image.SinglePixelPackedSampleModel`  
    Returns the bit offsets into the data array element representing a pixel for all bands.

[getBlack\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getBlack\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

[getBlackBoxBounds\(int, int\)](#) - Method in class `java.awt.font.TextLayout`  
    Returns the black box bounds of the characters in the specified range.

[getBlackLineBorderUIResource\(\)](#) - Static method in class `javax.swing.plaf.BorderUIResource`

[getBlinkRate\(\)](#) - Method in class `javax.swing.text.DefaultCaret`  
    Gets the caret blink rate.

[getBlinkRate\(\)](#) - Method in interface `javax.swing.text.Caret`  
    Gets the blink rate of the caret.

[getBlob\(int\)](#) - Method in interface `java.sql.CallableStatement`  
    Gets the value of a JDBC BLOB parameter as a `Blob` object in the Java programming language.

[getBlob\(int\)](#) - Method in interface `java.sql.ResultSet`  
    Returns the value of the designated column in the current row of this `ResultSet` object as a `Blob` object  
    in the Java programming language.

[getBlob\(String\)](#) - Method in interface `java.sql.ResultSet`  
    Returns the value of the designated column in the current row of this `ResultSet` object as a `Blob` object  
    in the Java programming language.

[getBlockIncrement\(\)](#) - Method in class `java.awt.Scrollbar`  
    Gets the block increment of this scroll bar.

[getBlockIncrement\(\)](#) - Method in interface `java.awt.Adjustable`

- Gets the block value increment for the adjustable object.
- [getBlockIncrement\(\)](#) - Method in class [javax.swing.JScrollBar](#)  
For backwards compatibility with [java.awt.Scrollbar](#).
- [getBlockIncrement\(int\)](#) - Method in class [javax.swing.JScrollBar](#)  
Returns the amount to change the scrollbar's value by, given a block (usually "page") up/down request.
- [getBlockIncrement\(int\)](#) - Method in class [javax.swing.JScrollPane.ScrollBar](#)  
Computes the block increment for scrolling if the viewport's view is a [Scrollable](#) object.
- [getBlue\(\)](#) - Method in class [java.awt.Color](#)  
Returns the blue component in the range 0-255 in the default sRGB space.
- [getBlue\(int\)](#) - Method in class [java.awt.image.ColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlue\(int\)](#) - Method in class [java.awt.image.ComponentColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlue\(int\)](#) - Method in class [java.awt.image.DirectColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlue\(int\)](#) - Method in class [java.awt.image.IndexColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlue\(Object\)](#) - Method in class [java.awt.image.ColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlue\(Object\)](#) - Method in class [java.awt.image.ComponentColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlue\(Object\)](#) - Method in class [java.awt.image.DirectColorModel](#)  
Returns the blue color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.
- [getBlueMask\(\)](#) - Method in class [java.awt.image.DirectColorModel](#)  
Returns the mask indicating which bits in an `int` pixel representation contain the blue color component.
- [getBlues\(byte\[\]\)](#) - Method in class [java.awt.image.IndexColorModel](#)  
Copies the array of blue color components into the specified array.
- [getBoolean\(int\)](#) - Method in interface [java.sql.CallableStatement](#)  
Gets the value of a JDBC BIT parameter as a `boolean` in the Java programming language.
- [getBoolean\(int\)](#) - Method in interface [java.sql.ResultSet](#)  
Gets the value of the designated column in the current row of this `ResultSet` object as a `boolean` in the Java programming language.
- [getBoolean\(Object\)](#) - Method in class [java.lang.reflect.Field](#)  
Gets the value of a field as a `boolean` on the specified object.
- [getBoolean\(Object, int\)](#) - Static method in class [java.lang.reflect.Array](#)  
Returns the value of the indexed component in the specified array object, as a `boolean`.
- [getBoolean\(String\)](#) - Static method in class [java.lang.Boolean](#)  
Returns `true` if and only if the system property named by the argument exists and is equal to the string "`true`".
- [getBoolean\(String\)](#) - Method in interface [java.sql.ResultSet](#)

Gets the value of the designated column in the current row of this `ResultSet` object as a boolean in the Java programming language.

[getBorder\(\)](#) - Method in class `javax.swing.JComponent`

Returns the border of this component or null if no border is currently set.

[getBorder\(\)](#) - Method in class `javax.swing.border.TitledBorder`

Returns the border of the titled border.

[getBorder\(\)](#) - Method in class `javax.swing.tree.DefaultTreeCellEditor.DefaultTextField`

Overrides `JComponent.getBorder` to returns the current border.

[getBorder\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSplitPaneDivider`

Returns the border of this component or null if no border is currently set.

[getBorder\(Object\)](#) - Method in class `javax.swing.UIManager`

If the value of key is a `Border` return it, otherwise return null.

[getBorder\(Object\)](#) - Static method in class `javax.swing.UIManager`

Returns a border from the defaults table.

[getBorderColor\(\)](#) - Method in class `javax.swing.plaf.basic.BasicToolBarUI.DragWindow`

[getBorderInsets\(\)](#) - Method in class `javax.swing.border.EmptyBorder`

Returns the insets of the border.

[getBorderInsets\(\)](#) - Method in class `javax.swing.border.MatteBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.AbstractBorder`

This default implementation returns the value of `getBorderMargins`.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.BevelBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.SoftBevelBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.EmptyBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.MatteBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.CompoundBorder`

Returns the insets of the composite border by adding the insets of the outside border to the insets of the inside border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.LineBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.TitledBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.border.EtchedBorder`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in interface `javax.swing.border.Border`

Returns the insets of the border.

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.plaf.BorderUIResource`

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.plaf.basic.BasicBorders.ButtonBorder`

[getBorderInsets\(Component\)](#) - Method in class `javax.swing.plaf.basic.BasicBorders.ToggleButtonBorder`

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.basic.[BasicBorders.RadioButtonBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.basic.[BasicBorders.MenuBarBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.basic.[BasicBorders.MarginBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.basic.[BasicBorders.FieldBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.basic.[BasicBorders.SplitPaneBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.Flush3DBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.ButtonBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.InternalFrameBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.PaletteBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.OptionDialogBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.MenuBarBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.MenuItemBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.PopupMenuBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBordersToolBarBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.ScrollPaneBorder](#)

[getBorderInsets\(Component\)](#) - Method in class javax.swing.plaf.metal.[MetalBorders.TableHeaderBorder](#)

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[AbstractBorder](#)

Reinitializes the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[BevelBorder](#)

Reinitialize the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[EmptyBorder](#)

Reinitialize the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[MatteBorder](#)

Reinitialize the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[CompoundBorder](#)

Reinitialize the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[LineBorder](#)

Reinitialize the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[TitledBorder](#)

Reinitialize the insets parameter with this Border's current Insets.

[getBorderInsets\(Component, Insets\)](#) - Method in class javax.swing.border.[EtchedBorder](#)

- Reinitialize the insets parameter with this Border's current Insets.
- getBorderSelectionColor() - Method in class javax.swing.tree.DefaultTreeCellRenderer  
Returns the color the border is drawn.
- getBorderSelectionColor() - Method in class javax.swing.tree.DefaultTreeCellEditor  
Returns the color the border is drawn.
- getBorderTitle(Border) - Method in class javax.swing.JComponent.AccessibleJComponent  
Recursively search through the border hierarchy (if it exists) for a TitledBorder with a non-null title.
- getBottomComponent() - Method in class javax.swing.JSplitPane  
Returns the component below, or to the right of the divider.
- getBottomInset() - Method in class javax.swing.text.CompositeView  
Gets the bottom inset.
- getBottomInset() - Method in class javax.swing.text.AsyncBoxView  
Get the bottom part of the margin around the view.
- getBottomPanel() - Method in class javax.swing.plaf.metal.MetalFileChooserUI
- getBoundActions() - Method in interface javax.swing.text.Keymap  
Fetches all of the actions defined in this keymap.
- getBoundedPosition(GlyphView, int, float, float) - Method in class javax.swing.text.GlyphView.GlyphPainter  
Determines the model location that represents the maximum advance that fits within the given span.
- getBoundingBox() - Method in class java.awt.Polygon  
Deprecated. As of JDK version 1.1, replaced by `getBounds()`.
- getBoundKeyStrokes() - Method in interface javax.swing.text.Keymap  
Fetches all of the keystrokes in this map that are bound to some action.
- getBounds() - Method in class java.awt.Component  
Gets the bounds of this component in the form of a Rectangle object.
- getBounds() - Method in class java.awt.AccessibleAWTComponent  
Gets the bounds of this object in the form of a Rectangle object.
- getBounds() - Method in class java.awt.Polygon  
Gets the bounding box of this Polygon.
- getBounds() - Method in class java.awt.GraphicsConfiguration  
Returns the bounds of the GraphicsConfiguration in the device coordinates.
- getBounds() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
Gets the bounds of this object in the form of a Rectangle object.
- getBounds() - Method in interface java.awt.Shape  
Returns an integer Rectangle that completely encloses the Shape.
- getBounds() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild  
Gets the bounds of this object in the form of a Rectangle object.
- getBounds() - Method in class java.awt.Rectangle  
Gets the bounding Rectangle of this Rectangle.
- getBounds() - Method in class java.awt.font.TextLayout  
Returns the bounds of this TextLayout.
- getBounds() - Method in class java.awt.font.GraphicAttribute  
Returns a Rectangle2D that encloses all of the bits drawn by this GraphicAttribute relative to the rendering position.
- getBounds() - Method in class java.awt.font.ImageGraphicAttribute  
Returns a Rectangle2D that encloses all of the bits rendered by this ImageGraphicAttribute, relative to the rendering position.

getBounds() - Method in class `java.awt.font.ShapeGraphicAttribute`

Returns a `Rectangle2D` that encloses all of the bits drawn by this `ShapeGraphicAttribute` relative to the rendering position.

getBounds() - Method in class `java.awt.geom.RectangularShape`

Returns the bounding box of the Shape.

getBounds() - Method in class `java.awt.geom.Area`

Returns a bounding `Rectangle` that completely encloses this `Area`.

getBounds() - Method in class `java.awt.geom.Line2D`

Returns the bounding box of this `Line2D`.

getBounds() - Method in class `java.awt.geom.GeneralPath`

Return the bounding box of the path.

getBounds() - Method in class `java.awt.geom.QuadCurve2D`

Returns the bounding box of this `QuadCurve2D`.

getBounds() - Method in class `java.awt.geom.CubicCurve2D`

Returns the bounding box of the shape.

getBounds() - Method in class `java.awt.image.Raster`

Returns the bounding Rectangle of this `Raster`.

getBounds() - Method in interface `javax.accessibility.AccessibleComponent`

Gets the bounds of this object in the form of a `Rectangle` object.

getBounds() - Method in class `javax.swing.JList.AccessibleJList.AccessibleJListChild`

getBounds() - Method in class `javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode`

getBounds() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`

getBounds() - Method in class

`javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry`

getBounds(Rectangle) - Method in class `java.awt.Component`

Store the bounds of this component into "return value" `rv` and return `rv`.

getBounds(Rectangle) - Method in class `javax.swing.JComponent`

Stores the bounds of this component into "return value" `rv` and returns `rv`.

getBounds(TreePath, Rectangle) - Method in class `javax.swing.tree.AbstractLayoutCache`

Returns a rectangle giving the bounds needed to draw path.

getBounds(TreePath, Rectangle) - Method in class `javax.swing.tree.VariableHeightLayoutCache`

Returns the Rectangle enclosing the label portion that the item identified by row will be drawn into.

getBounds(TreePath, Rectangle) - Method in class `javax.swing.tree.FixedHeightLayoutCache`

Returns a rectangle giving the bounds needed to draw path.

getBounds2D() - Method in class `java.awt.Polygon`

Returns the high precision bounding box of the `Shape`.

getBounds2D() - Method in interface `java.awt.Shape`

Returns a high precision and more accurate bounding box of the `Shape` than the `getBounds` method.

getBounds2D() - Method in class `java.awt.Rectangle`

Return the high precision bounding box of this rectangle.

getBounds2D() - Method in class `java.awt.font.GlyphMetrics`

Returns the black box bounds of the glyph.

getBounds2D() - Method in class `java.awt.geom.Rectangle2D`

Returns the high precision bounding box of this Rectangle2D.

getBounds2D() - Method in class java.awt.geom.RoundRectangle2D.Float  
Returns the high precision bounding box of this RoundRectangle2D.

getBounds2D() - Method in class java.awt.geom.RoundRectangle2D.Double  
Returns the high precision bounding box of this RoundRectangle2D.

getBounds2D() - Method in class java.awt.geom.Area  
Returns a high precision bounding Rectangle2D that completely encloses this Area.

getBounds2D() - Method in class java.awt.geom.Rectangle2D.Float  
Returns the high precision bounding box of this Rectangle2D.

getBounds2D() - Method in class java.awt.geom.Rectangle2D.Double  
Returns the high precision bounding box of this Rectangle2D.

getBounds2D() - Method in class java.awt.geom.Line2D.Float  
Returns the high-precision bounding box of this Line2D.

getBounds2D() - Method in class java.awt.geom.Line2D.Double  
Returns the high-precision bounding box of this Line2D.

getBounds2D() - Method in class java.awt.geom.Arc2D  
Returns the high-precision bounding box of the arc.

getBounds2D() - Method in class java.awt.geom.Ellipse2D.Float  
Returns the high precision bounding box of this Ellipse2D.

getBounds2D() - Method in class java.awt.geom.Ellipse2D.Double  
Returns the high precision bounding box of this Ellipse2D.

getBounds2D() - Method in class java.awt.geom.GeneralPath  
Returns the bounding box of the path.

getBounds2D() - Method in class java.awt.geom.QuadCurve2D.Float  
Returns the bounding box of this QuadCurve2D.

getBounds2D() - Method in class java.awt.geom.QuadCurve2D.Double  
Returns the bounding box of this QuadCurve2D.

getBounds2D() - Method in class java.awt.geom.CubicCurve2D.Float  
Returns the bounding box of the shape.

getBounds2D() - Method in class java.awt.geom.CubicCurve2D.Double  
Returns the bounding box of the shape.

getBounds2D(BufferedImage) - Method in class java.awt.image.LookupOp  
Returns the bounding box of the filtered destination image.

getBounds2D(BufferedImage) - Method in interface java.awt.image.BufferedImageOp  
Returns the bounding box of the filtered destination image.

getBounds2D(BufferedImage) - Method in class java.awt.image.ConvolveOp  
Returns the bounding box of the filtered destination image.

getBounds2D(BufferedImage) - Method in class java.awt.image.AffineTransformOp  
Returns the bounding box of the transformed destination.

getBounds2D(BufferedImage) - Method in class java.awt.image.ColorConvertOp  
Returns the bounding box of the destination, given this source.

getBounds2D(BufferedImage) - Method in class java.awt.image.RescaleOp  
Returns the bounding box of the rescaled destination image.

getBounds2D(ParameterBlock) - Method in interface  
java.awt.image.renderable.ContextualRenderedImageFactory  
Returns the bounding box for the output of the operation, performed on a given set of sources, in rendering-independent space.

[getBounds2D\(Raster\)](#) - Method in class `java.awt.image.LookupOp`  
    Returns the bounding box of the filtered destination Raster.

[getBounds2D\(Raster\)](#) - Method in class `java.awt.image.ConvolveOp`  
    Returns the bounding box of the filtered destination Raster.

[getBounds2D\(Raster\)](#) - Method in class `java.awt.image.BandCombineOp`  
    Returns the bounding box of the transformed destination.

[getBounds2D\(Raster\)](#) - Method in class `java.awt.image.AffineTransformOp`  
    Returns the bounding box of the transformed destination.

[getBounds2D\(Raster\)](#) - Method in interface `java.awt.image.RasterOp`  
    Returns the bounding box of the filtered destination Raster.

[getBounds2D\(Raster\)](#) - Method in class `java.awt.image.ColorConvertOp`  
    Returns the bounding box of the destination, given this source.

[getBounds2D\(Raster\)](#) - Method in class `java.awt.image.RescaleOp`  
    Returns the bounding box of the rescaled destination Raster.

[getBoundsAt\(int\)](#) - Method in class `javax.swing.JTabbedPane`  
    Returns the tab bounds at index.

[getBoundsForIconOf\(JInternalFrame\)](#) - Method in class `javax.swing.DefaultDesktopManager`  
    The iconifyFrame() code calls this to determine the proper bounds for the desktopIcon.

[getBoxPainter\(AttributeSet\)](#) - Method in class `javax.swing.text.html.StyleSheet`  
    Fetches the box formatter to use for the given set of CSS attributes.

[getBreakLocation\(Segment, FontMetrics, int, int, TabExpander, int\)](#) - Static method in class `javax.swing.text.Utilities`  
    Determine where to break the given text to fit within the the given span.

[getBreakWeight\(int, float\)](#) - Method in class `javax.swing.text.ParagraphView`  
    Gets the break weight for a given location.

[getBreakWeight\(int, float, float\)](#) - Method in class `javax.swing.text.View`  
    Determines how attractive a break opportunity in this view is.

[getBreakWeight\(int, float, float\)](#) - Method in class `javax.swing.text.GlyphView`  
    Determines how attractive a break opportunity in this view is.

[getBreakWeight\(int, float, float\)](#) - Method in class `javax.swing.text.html.InlineView`  
    Determines how attractive a break opportunity in this view is.

[getBuffer\(\)](#) - Method in class `java.io.StringWriter`  
    Return the string buffer itself.

[getBufferedImageOp\(\)](#) - Method in class `java.awt.image.BufferedImageFilter`  
    Returns the `BufferedImageOp`.

[getBufferSize\(\)](#) - Method in interface `javax.sound.sampled.DataLine`  
    Obtains the maximum number of bytes of data that will fit in the data line's internal buffer.

[getBundle\(String\)](#) - Static method in class `java.util.ResourceBundle`  
    Get the appropriate ResourceBundle subclass.

[getBundle\(String, Locale\)](#) - Static method in class `java.util.ResourceBundle`  
    Get the appropriate ResourceBundle subclass.

[getBundle\(String, Locale, ClassLoader\)](#) - Static method in class `java.util.ResourceBundle`  
    Get the appropriate ResourceBundle subclass.

[getButtonBorder\(\)](#) - Static method in class `javax.swing.plaf.basic.BasicBorders`

[getButtonBorder\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalBorders`  
    Returns a border instance for a JButton

getButtonCount() - Method in class javax.swing.ButtonGroup

Returns the number of buttons in the group.

getButtonPanel() - Method in class javax.swing.plaf.metal.MetalFileChooserUI

getButtons() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI

Returns the buttons to display from the JOptionPane the receiver is providing the look and feel for.

getButtonWidth() - Method in class javax.swing.plaf.metal.MetalScrollPane

getByName(String) - Static method in class java.net.InetAddress

Determines the IP address of a host, given the host's name.

getByte(int) - Method in interface java.sql.CallableStatement

Gets the value of a JDBC TINYINT parameter as a byte in the Java programming language.

getByte(int) - Method in interface java.sql.ResultSet

Gets the value of the designated column in the current row of this ResultSet object as a byte in the Java programming language.

getByte(Object) - Method in class java.lang.reflect.Field

Gets the value of a field as a byte on the specified object.

getByte(Object, int) - Static method in class java.lang.reflect.Array

Returns the value of the indexed component in the specified array object, as a byte.

getByte(String) - Method in interface java.sql.ResultSet

Gets the value of the designated column in the current row of this ResultSet object as a byte in the Java programming language.

getByteLength() - Method in class javax.sound.sampled.AudioFileFormat

Obtains the size in bytes of the entire audio file (not just its audio data).

getByteLength() - Method in class javax.sound.midi.MidiFileFormat

Obtains the length of the MIDI file, expressed in 8-bit bytes.

getByteParameter(int) - Method in class java.awt.image.renderable.ParameterBlock

A convenience method to return a parameter as a byte.

getBytes() - Method in class java.lang.String

Convert this String into bytes according to the platform's default character encoding, storing the result into a new byte array.

getBytes(int) - Method in interface java.sql.CallableStatement

Gets the value of a JDBC BINARY or VARBINARY parameter as an array of byte values in the Java programming language.

getBytes(int) - Method in interface java.sql.ResultSet

Gets the value of the designated column in the current row of this ResultSet object as a byte array in the Java programming language.

getBytes(int, int, byte[], int) - Method in class java.lang.String

Deprecated. This method does not properly convert characters into bytes. As of JDK 1.1, the preferred way to do this is via the getBytes(String enc) method, which takes a character-encoding name, or the getBytes() method, which uses the platform's default encoding.

getBytes(long, int) - Method in interface java.sql.Blob

Returns as an array of bytes, part or all of the BLOB value that this Blob object designates.

getBytes(String) - Method in class java.lang.String

Convert this String into bytes according to the specified character encoding, storing the result into a new byte array.

getBytes(String) - Method in interface java.sql.ResultSet

Gets the value of the designated column in the current row of this `ResultSet` object as a `byte` array in the Java programming language.

[getCachedIcon\(File\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView`

[getCalendar\(\)](#) - Method in class `java.text.DateFormat`

Gets the calendar associated with this date/time formatter.

[getCancelSelectionAction\(\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI`

[getCanonicalFile\(\)](#) - Method in class `java.io.File`

Returns the canonical form of this abstract pathname.

[getCanonicalPath\(\)](#) - Method in class `java.io.File`

Returns the canonical pathname string of this abstract pathname.

[getCanWrapLines\(\)](#) - Method in class `javax.swing.text.AbstractWriter`

Returns whether or not the lines can be wrapped.

[getCaret\(\)](#) - Method in class `java.awt.event.InputMethodEvent`

Gets the caret.

[getCaret\(\)](#) - Method in class `javax.swing.text.JTextComponent`

Fetches the caret that allows text-oriented navigation over the view.

[getCaretColor\(\)](#) - Method in class `javax.swing.text.JTextComponent`

Fetches the current color used to render the caret.

[getCaretInfo\(TextHitInfo\)](#) - Method in class `java.awt.font.TextLayout`

Returns information about the caret corresponding to hit.

[getCaretInfo\(TextHitInfo, Rectangle2D\)](#) - Method in class `java.awt.font.TextLayout`

Returns information about the caret corresponding to hit.

[getCaretPosition\(\)](#) - Method in class `java.awt.TextComponent`

Gets the position of the text insertion caret for this text component.

[getCaretPosition\(\)](#) - Method in class `java.awt.TextComponent.AccessibleAWTTextComponent`

Returns the zero-based offset of the caret.

[getCaretPosition\(\)](#) - Method in interface `javax.accessibility.AccessibleText`

Returns the zero-based offset of the caret.

[getCaretPosition\(\)](#) - Method in class `javax.swing.AbstractButton.AccessibleAbstractButton`

Return the zero-based offset of the caret.

[getCaretPosition\(\)](#) - Method in class `javax.swing.JLabel.AccessibleJLabel`

Return the zero-based offset of the caret.

[getCaretPosition\(\)](#) - Method in class `javax.swing.text.JTextComponent`

Returns the position of the text insertion caret for the text component.

[getCaretPosition\(\)](#) - Method in class `javax.swing.text.JTextComponent.AccessibleJTextComponent`

Returns the zero-based offset of the caret.

[getCaretShape\(TextHitInfo\)](#) - Method in class `java.awt.font.TextLayout`

Returns a Shape representing the caret at the specified hit inside the natural bounds of this `TextLayout`.

[getCaretShape\(TextHitInfo, Rectangle2D\)](#) - Method in class `java.awt.font.TextLayout`

Returns a Shape representing the caret at the specified hit inside the specified bounds.

[getCaretShapes\(int\)](#) - Method in class `java.awt.font.TextLayout`

Returns two paths corresponding to the strong and weak caret.

[getCaretShapes\(int, Rectangle2D\)](#) - Method in class `java.awt.font.TextLayout`

Returns two paths corresponding to the strong and weak caret.

[getCaretShapes\(int, Rectangle2D, TextLayout.CaretPolicy\)](#) - Method in class `java.awt.font.TextLayout`

Returns two paths corresponding to the strong and weak caret.  
[getCatalog\(\)](#) - Method in interface `java.sql.Connection`

Returns the Connection's current catalog name.  
[getCatalogName\(int\)](#) - Method in interface `java.sql.ResultSetMetaData`  
Gets the designated column's table's catalog name.

[getCatalogs\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
Gets the catalog names available in this database.  
[getCatalogSeparator\(\)](#) - Method in interface `java.sql.DatabaseMetaData`

What's the separator between catalog and table name?  
[getCatalogTerm\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's the database vendor's preferred term for "catalog"?  
[getCellBounds\(int, int\)](#) - Method in class `javax.swing.JList`

Returns the bounds of the specified range of items in `JList` coordinates.

[getCellBounds\(JList, int, int\)](#) - Method in class `javax.swing.plaf.ListUI`

Returns the bounds of the specified item in `JList` coordinates, null if index isn't valid.  
[getCellBounds\(JList, int, int\)](#) - Method in class `javax.swing.plaf.basic.BasicListUI`

[getCellBounds\(JList, int, int\)](#) - Method in class `javax.swing.plaf.multi.MultiListUI`

Call `getCellBounds` on each UI handled by this `MultiUI`.

[getCellEditor\(\)](#) - Method in class `javax.swing.JTree`  
Returns the editor used to edit entries in the tree.

[getCellEditor\(\)](#) - Method in class `javax.swing.JTable`  
Returns the cell editor.

[getCellEditor\(\)](#) - Method in class `javax.swing.table.TableColumn`  
Returns the `TableCellEditor` used by the `JTable` to edit values for this column.

[getCellEditor\(\)](#) - Method in class `javax.swing.plaf.basic.BasicTreeUI`

[getCellEditor\(int, int\)](#) - Method in class `javax.swing.JTable`  
Returns an appropriate editor for the cell specified by `row` and `column`.

[getCellEditorValue\(\)](#) - Method in interface `javax.swing.CellEditor`  
Returns the value contained in the editor

[getCellEditorValue\(\)](#) - Method in class `javax.swing.DefaultCellEditor`

[getCellEditorValue\(\)](#) - Method in class `javax.swing.DefaultCellEditor.EditorDelegate`

[getCellEditorValue\(\)](#) - Method in class `javax.swing.tree.DefaultTreeCellEditor`  
Returns the value currently being edited.

[getCellLength\(\)](#) - Method in class `javax.swing.plaf.basic.BasicProgressBarUI`  
Returns the width (if HORIZONTAL) or height (if VERTICAL) of each of the individual cells/units to  
be rendered in the progress bar.

[getCellRect\(int, int, boolean\)](#) - Method in class `javax.swing.JTable`  
Returns a rectangle for the cell that lies at the intersection of `row` and `column`.

[getCellRenderer\(\)](#) - Method in class `javax.swing.JList`  
Returns the object that renders the list items.  
[getCellRenderer\(\)](#) - Method in class `javax.swing.JTree`  
Returns the current `TreeCellRenderer` that is rendering each cell.  
[getCellRenderer\(\)](#) - Method in class `javax.swing.table.TableColumn`

Returns the TableCellRenderer used by the JTable to draw values for this column.

getCellRenderer() - Method in class javax.swing.plaf.basic.BasicTreeUI

Return currentCellRenderer, which will either be the trees renderer, or defaultCellRenderer, which ever wasn't null.

getCellRenderer(int, int) - Method in class javax.swing.JTable

Returns an appropriate renderer for the cell specified by this row and column.

getCellSelectionEnabled() - Method in class javax.swing.JTable

Returns true if both row and column selection models are enabled.

getCellSpacing() - Method in class javax.swing.plaf.basic.BasicProgressBarUI

Returns the spacing between each of the cells/units in the progress bar.

getCentersChildren() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI.ButtonAreaLayout

getCenterX() - Method in class java.awt.geom.RectangularShape

Returns the X coordinate of the center of the framing rectangle of the Shape in double precision.

getCenterY() - Method in class java.awt.geom.RectangularShape

Returns the Y coordinate of the center of the framing rectangle of the Shape in double precision.

getCertificate(String) - Method in class java.security.KeyStore

Returns the certificate associated with the given alias.

getCertificateAlias(Certificate) - Method in class java.security.KeyStore

Returns the (alias) name of the first keystore entry whose certificate matches the given certificate.

getCertificateChain(String) - Method in class java.security.KeyStore

Returns the certificate chain associated with the given alias.

getCertificates() - Method in class java.net.JarURLConnection

Return the Certificate object for this connection if the URL for it points to a JAR file entry, null otherwise.

getCertificates() - Method in class java.security.CodeSource

Returns the certificates associated with this CodeSource.

getCertificates() - Method in class java.util.jar.JarEntry

Returns the Certificate objects for this entry, or null if none.

getChange(Element) - Method in interface javax.swing.event.DocumentEvent

Gets the change information for the given element.

getChange(Element) - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent

Gets the changes for an element.

getChanged() - Method in class java.awt.event.HierarchyEvent

Returns the Component at the top of the hierarchy which was changed.

getChangedParent() - Method in class java.awt.event.HierarchyEvent

Returns the parent of the Component returned by getChanged().

getChangeFlags() - Method in class java.awt.event.HierarchyEvent

Returns a bitmask which indicates the type(s) of HIERARCHY\_CHANGED events represented in this event object.

getChangeInfo() - Method in class javax.naming.event.NamingEvent

Retrieves the change information for this event.

getChangeToParentDirectoryAction() - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getChannel() - Method in class javax.sound.midi.ShortMessage

Obtains the MIDI channel associated with this event.

getChannelPressure() - Method in interface javax.sound.midi.MidiChannel

Obtains the channel's keyboard pressure.

getChannels() - Method in class javax.sound.sampled.AudioFormat  
Obtains the number of channels.

getChannels() - Method in interface javax.sound.midi.Synthesizer  
Obtains the set of MIDI channels controlled by this synthesizer.

getChar(Object) - Method in class java.lang.reflect.Field  
Gets the value of a field as a char on the specified object.

getChar(Object, int) - Static method in class java.lang.reflect.Array  
Returns the value of the indexed component in the specified array object, as a char.

getCharacterAttribute(int) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent  
Returns the AttributeSet for a given character (at a given index).

getCharacterAttribute(int) - Method in interface javax.accessibility.AccessibleText  
Returns the AttributeSet for a given character at a given index

getCharacterAttribute(int) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton  
Return the AttributeSet for a given character at a given index

getCharacterAttribute(int) - Method in class javax.swing.JLabel.AccessibleJLabel  
Return the AttributeSet for a given character at a given index

getCharacterAttribute(int) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent  
Returns the AttributeSet for a given character (at a given index).

getCharacterAttributeRun() - Method in class javax.swing.text.StyledEditorKit  
Fetches the element representing the current run of character attributes for the caret.

getCharacterAttributes() - Method in class javax.swing.JTextPane  
Fetches the character attributes in effect at the current location of the caret, or null.

getCharacterBounds(int) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent  
Determines the bounding box of the character at the given index into the string.

getCharacterBounds(int) - Method in interface javax.accessibility.AccessibleText  
Determines the bounding box of the character at the given index into the string.

getCharacterBounds(int) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton  
Determine the bounding box of the character at the given index into the string.

getCharacterBounds(int) - Method in class javax.swing.JLabel.AccessibleJLabel  
Determine the bounding box of the character at the given index into the string.

getCharacterBounds(int) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent  
Determines the bounding box of the character at the given index into the string.

getCharacterCount() - Method in class java.awt.font.TextLayout  
Returns the number of characters represented by this TextLayout.

getCharacterElement(int) - Method in interface javax.swing.text.StyledDocument  
Gets the element that represents the character that is at the given offset within the document.

getCharacterElement(int) - Method in class javax.swing.text.DefaultStyledDocument  
Gets a character element based on a position.

getCharacterInstance() - Static method in class java.text.BreakIterator  
Create BreakIterator for character-breaks using default locale Returns an instance of a BreakIterator implementing character breaks.

getCharacterInstance(Locale) - Static method in class java.text.BreakIterator  
Create BreakIterator for character-breaks using specified locale Returns an instance of a BreakIterator implementing character breaks.

getCharacterLevel(int) - Method in class java.awt.font.TextLayout  
Returns the level of the character at index.

getCharacterStream() - Method in interface `java.sql.Clob`

Gets the CLOB value designated by this Clob object as a Unicode stream.

getCharacterStream(int) - Method in interface `java.sql.ResultSet`

Gets the value of the designated column in the current row of this ResultSet object as a `java.io.Reader` object.

getCharacterStream(String) - Method in interface `java.sql.ResultSet`

Gets the value of the designated column in the current row of this ResultSet object as a `java.io.Reader` object.

getCharCount() - Method in class `java.awt.TextComponent.AccessibleAWTTextComponent`

Returns the number of characters (valid indicies)

getCharCount() - Method in interface `javax.accessibility.AccessibleText`

Returns the number of characters (valid indicies)

getCharCount() - Method in class `javax.swing.AbstractButton.AccessibleAbstractButton`

Return the number of characters (valid indicies)

getCharCount() - Method in class `javax.swing.JLabel.AccessibleJLabel`

Return the number of characters (valid indicies)

getCharCount() - Method in class `javax.swing.text.JTextComponent.AccessibleJTextComponent`

Returns the number of characters (valid indicies)

getCharIndex() - Method in class `java.awt.font.TextHitInfo`

Returns the index of the character hit.

getCharParameter(int) - Method in class `java.awt.image.renderable.ParameterBlock`

A convenience method to return a parameter as a char.

getChars(int, int, char[], int) - Method in class `java.lang.String`

Copies characters from this string into the destination character array.

getChars(int, int, char[], int) - Method in class `java.lang.StringBuffer`

Characters are copied from this string buffer into the destination character array dst.

getChars(int, int, Segment) - Method in interface `javax.swing.text.AbstractDocument.Content`

Gets a sequence of characters and copies them into a Segment.

getChars(int, int, Segment) - Method in class `javax.swing.text.StringContent`

Retrieves a portion of the content.

getChars(int, int, Segment) - Method in class `javax.swing.text.GapContent`

Retrieves a portion of the content.

getCharSetSpec() - Method in class `javax.swing.text.Changed CharSetException`

getCheckboxGroup() - Method in class `java.awt.Checkbox`

Determines this check box's group.

getCheckBoxIcon() - Static method in class `javax.swing.plaf.basic.BasicIconFactory`

getCheckBoxIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

Returns a checkbox icon

getCheckBoxMenuItemIcon() - Static method in class `javax.swing.plaf.basic.BasicIconFactory`

getCheckBoxMenuItemIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getChecksum() - Method in class `java.util.zip.CheckedInputStream`

Returns the Checksum for this input stream.

getChecksum() - Method in class `java.util.zip.CheckedOutputStream`

- Returns the Checksum for this output stream.
- [getChild\(\)](#) - Method in class `java.awt.event.ContainerEvent`  
Returns the component that was affected by the event.
- [getChild\(Object, int\)](#) - Method in interface `javax.swing.tree.TreeModel`  
Returns the child of *parent* at index *index* in the parent's child array.
- [getChild\(Object, int\)](#) - Method in class `javax.swing.tree.DefaultTreeModel`  
Returns the child of *parent* at index *index* in the parent's child array.
- [getChildAfter\(TreeNode\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns the child in this node's child array that immediately follows *aChild*, which must be a child of this node.
- [getChildAllocation\(int\)](#) - Method in class `javax.swing.text.AsyncBoxView.ChildLocator`  
Fetch the allocation to use for a child view.
- [getChildAllocation\(int, Shape\)](#) - Method in class `javax.swing.text.View`  
Fetches the allocation for the given child view.
- [getChildAllocation\(int, Shape\)](#) - Method in class `javax.swing.text.CompositeView`  
Fetches the allocation for the given child view.
- [getChildAllocation\(int, Shape\)](#) - Method in class `javax.swing.text.BoxView`  
Fetches the allocation for the given child view.
- [getChildAllocation\(int, Shape\)](#) - Method in class `javax.swing.text.AsyncBoxView`  
Fetches the allocation for the given child view.
- [getChildAllocation\(int, Shape\)](#) - Method in class `javax.swing.text.AsyncBoxView.ChildLocator`  
Fetch the allocation to use for a child view.
- [getChildAt\(int\)](#) - Method in class `javax.swing.JTree.DynamicUtilTreeNode`  
Subclassed to load the children, if necessary.
- [getChildAt\(int\)](#) - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
Returns the child `TreeNode` at index `childIndex`.
- [getChildAt\(int\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns the child at the specified index in this node's child array.
- [getChildAt\(int\)](#) - Method in interface `javax.swing.tree(TreeNode`  
Returns the child `TreeNode` at index `childIndex`.
- [getChildBeanContextChild\(Object\)](#) - Static method in class `java.beans.beancontext.BeanContextSupport`  
Gets the `BeanContextChild` (if any) of the specified child
- [getChildBeanContextMembershipListener\(Object\)](#) - Static method in class `java.beans.beancontext.BeanContextSupport`  
Gets the `BeanContextMembershipListener` (if any) of the specified child
- [getChildBeanContextServicesListener\(Object\)](#) - Static method in class `java.beans.beancontext.BeanContextServicesSupport`  
Gets the `BeanContextServicesListener` (if any) of the specified child.
- [getChildBefore\(TreeNode\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns the child in this node's child array that immediately precedes *aChild*, which must be a child of this node.
- [getChildCount\(\)](#) - Method in class `javax.swing.JTree.DynamicUtilTreeNode`  
Returns the number of child nodes.
- [getChildCount\(\)](#) - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
Returns the number of children `TreeNodes` the receiver contains.
- [getChildCount\(\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns the number of children of this node.

getChildCount() - Method in interface javax.swing.tree.TreeNode

Returns the number of children TreeNodes the receiver contains.

getChildCount(Object) - Method in interface javax.swing.tree.TreeModel

Returns the number of children of *parent*.

getChildCount(Object) - Method in class javax.swing.tree.DefaultTreeModel

Returns the number of children of *parent*.

getChildIndices() - Method in class javax.swing.event.TreeModelEvent

Returns the values of the child indexes.

getChildPropertyChangeListener(Object) - Static method in class java.beans.beancontext.BeanContextSupport

Gets the PropertyChangeListener (if any) of the specified child

getChildren() - Method in class javax.swing.event.TreeModelEvent

Returns the objects that are children of the node identified by getPath at the locations specified by getChildIndices.

getChildrenAdded() - Method in interface javax.swing.event.DocumentEvent.ElementChange

Gets the child elements that were added to the given parent element.

getChildrenAdded() - Method in class javax.swing.text.AbstractDocument.ElementEdit

Gets a list of children that were added.

getChildrenRemoved() - Method in interface javax.swing.event.DocumentEvent.ElementChange

Gets the child elements that were removed from the given parent element.

getChildrenRemoved() - Method in class javax.swing.text.AbstractDocument.ElementEdit

Gets a list of children that were removed.

getChildSerializable(Object) - Static method in class java.beans.beancontext.BeanContextSupport

Gets the Serializable (if any) associated with the specified Child

getChildState(int) - Method in class javax.swing.text.AsyncBoxView

Fetch the object representing the layout state of of the child at the given index.

getChildVetoableChangeListener(Object) - Static method in class java.beans.beancontext.BeanContextSupport

Gets the VetoableChangeListener (if any) of the specified child

getChildView() - Method in class javax.swing.text.AsyncBoxView.ChildState

Fetch the child view this record represents

getChildVisibility(Object) - Static method in class java.beans.beancontext.BeanContextSupport

Gets the Component (if any) associated with the specified child.

getChoosableFileFilters() - Method in class javax.swing.JFileChooser

Gets the list of user choosable file filters.

getChooserPanels() - Method in class javax.swing.JColorChooser

Returns the specified color panels.

getClass() - Method in class java.lang.Object

Returns the runtime class of an object.

getClassAnnotation(Class) - Static method in class java.rmi.server.RMIClassLoader

Returns the class annotation (representing the location for a class) that RMI will use to annotate the call stream when marshalling objects of the given class.

getClassContext() - Method in class java.lang.SecurityManager

Returns the current execution stack as an array of classes.

getClasses() - Method in class java.lang.Class

Returns an array containing Class objects representing all the public classes and interfaces that are members of the class represented by this Class object.

getClassLoader() - Method in class java.lang.Class

Returns the class loader for the class.

[getClassLoader\(String\)](#) - Static method in class `java.rmi.server.RMIClassLoader`  
Returns a class loader that loads classes from the given codebase URL path.

[getClassName\(\)](#) - Method in class `java.rmi.activation.ActivationGroupDesc`  
Returns the group's class name (possibly null).

[getClassName\(\)](#) - Method in class `java.rmi.activation.ActivationDesc`  
Returns the class name for the object specified by this descriptor.

[getClassName\(\)](#) - Method in class `java.util.MissingResourceException`  
Gets parameter passed by constructor.

[getClassName\(\)](#) - Method in class `javax.naming.Reference`  
Retrieves the class name of the object to which this reference refers.

[getClassName\(\)](#) - Method in class `javax.naming.NameClassPair`  
Retrieves the class name of the object bound to the name of this binding.

[getClassName\(\)](#) - Method in class `javax.naming.Binding`  
Retrieves the class name of the object bound to the name of this binding.

[getClassName\(\)](#) - Method in class `javax.swing.UIManager.LookAndFeelInfo`  
Returns the name of the class that implements this look and feel.

[getClickCount\(\)](#) - Method in class `java.awt.event.MouseEvent`  
Return the number of mouse clicks associated with this event.

[getClickCountToStart\(\)](#) - Method in class `javax.swing.DefaultCellEditor`  
ClickCountToStart controls the number of clicks required to start editing.

[getClientHost\(\)](#) - Static method in class `java.rmi.server.RemoteServer`  
Return the hostname of the current client.

[getClientHost\(\)](#) - Method in interface `java.rmi.server.ServerRef`  
Returns the hostname of the current client.

[getClientProperty\(Object\)](#) - Method in class `javax.swing.JComponent`  
Returns the value of the property with the specified key.

[getClip\(\)](#) - Method in class `java.awt.Graphics`  
Gets the current clipping area.

[getClip\(\)](#) - Method in class `javax.swing.DebugGraphics`  
Overrides `Graphics.getClip()`.

[getClipBounds\(\)](#) - Method in class `java.awt.Graphics`  
Returns the bounding rectangle of the current clipping area.

[getClipBounds\(\)](#) - Method in class `javax.swing.DebugGraphics`  
Overrides `Graphics.getClipBounds()`.

[getClipBounds\(Rectangle\)](#) - Method in class `java.awt.Graphics`  
Returns the bounding rectangle of the current clipping area.

[getClipRect\(\)](#) - Method in class `java.awt.Graphics`  
Deprecated. As of JDK version 1.1, replaced by `getClipBounds()`.

[getClob\(int\)](#) - Method in interface `java.sql.CallableStatement`  
Gets the value of a JDBC CLOB parameter as a `Clob` object in the Java programming language.

[getClob\(int\)](#) - Method in interface `java.sql.ResultSet`  
Returns the value of the designated column in the current row of this `ResultSet` object as a `Clob` object in the Java programming language.

[getClob\(String\)](#) - Method in interface `java.sql.ResultSet`  
Returns the value of the designated column in the current row of this `ResultSet` object as a `Clob` object in the Java programming language.

[getClosedIcon\(\)](#) - Method in class `javax.swing.tree.DefaultTreeCellRenderer`

Returns the icon used to represent non-leaf nodes that are not expanded.

getClosestPathForLocation(int, int) - Method in class javax.swing.JTree

Returns the path to the node that is closest to x,y.

getClosestPathForLocation(JTree, int, int) - Method in class javax.swing.plaf.TreeUI

Returns the path to the node that is closest to x,y.

getClosestPathForLocation(JTree, int, int) - Method in class javax.swing.plaf.basic.BasicTreeUI

Returns the path to the node that is closest to x,y.

getClosestPathForLocation(JTree, int, int) - Method in class javax.swing.plaf.multi.MultiTreeUI

Call getClosestPathForLocation on each UI handled by this MultiUI.

getClosestPositionTo(int, Position.Bias, Shape, int, Position.Bias[], int, int) - Method in class javax.swing.text.ParagraphView

Returns the closest model position to x.

getClosestRowForLocation(int, int) - Method in class javax.swing.JTree

Returns the row to the node that is closest to x,y.

getCodeBase() - Method in class java.applet.Applet

Gets the base URL.

getCodeBase() - Method in interface java.applet.AppletStub

Gets the base URL.

getCodebase(Class) - Static method in class javax.rmi.CORBA.Util

Returns the codebase, if any, for the given class.

getCodebase(Class) - Method in interface javax.rmi.CORBA.UtilDelegate

Delegation call for Util.getCodebase(java.lang.Class).

getCodeSource() - Method in class java.security.ProtectionDomain

Returns the CodeSource of this domain.

getCollapsedIcon() - Method in class javax.swing.plaf.basic.BasicTreeUI

getCollationElementIterator(CharacterIterator) - Method in class java.text.RuleBasedCollator

Return a CollationElementIterator for the given String.

getCollationElementIterator(String) - Method in class java.text.RuleBasedCollator

Return a CollationElementIterator for the given String.

getCollationKey(String) - Method in class java.text.Collator

Transforms the String into a series of bits that can be compared bitwise to other CollationKeys.

getCollationKey(String) - Method in class java.text.RuleBasedCollator

Transforms the string into a series of characters that can be compared with CollationKey.compareTo.

getColor() - Method in class java.awt.Graphics

Gets this graphics context's current color.

getColor() - Method in class java.awt.PageAttributes

Returns whether pages using these attributes will be rendered in color or monochrome.

getColor() - Method in class javax.swing.JColorChooser

Gets the current color value from the color chooser.

getColor() - Method in class javax.swing.DebugGraphics

Returns the Color used for text drawing operations.

getColor() - Method in class javax.swing.text.DefaultHighlighter.DefaultHighlightPainter

Returns the color of the highlight.

getColor(Object) - Method in class javax.swing.UIDefaults

If the value of key is a Color return it, otherwise return null.

getColor(Object) - Static method in class javax.swing.UIManager

Returns a drawing color from the defaults table.

getColor(String) - Static method in class `java.awt.Color`  
Finds a color in the system properties.

getColor(String, Color) - Static method in class `java.awt.Color`  
Finds a color in the system properties.

getColor(String, int) - Static method in class `java.awt.Color`  
Finds a color in the system properties.

getColor1() - Method in class `java.awt.GradientPaint`  
Returns the color C1 anchored by the point P1.

getColor2() - Method in class `java.awt.GradientPaint`  
Returns the color C2 anchored by the point P2.

getColorComponents(ColorSpace, float[]) - Method in class `java.awt.Color`  
Returns a float array containing only the color components of the Color in the ColorSpace specified by the cspace parameter.

getColorComponents(float[]) - Method in class `java.awt.Color`  
Returns a float array containing only the color components of the Color, in the ColorSpace of the Color.

getColorForGap(int, int, int) - Method in class `javax.swing.plaf.metal.MetalTabbedPaneUI`

getColorFromModel() - Method in class `javax.swing.colorchooser.AbstractColorChooserPanel`  
Returns the color that is currently selected.

getColorModel() - Method in class `java.awt.Component`  
Gets the instance of `ColorModel` used to display the component on the output device.

getColorModel() - Method in class `java.awt.GraphicsConfiguration`  
Returns the `ColorModel` associated with this `GraphicsConfiguration`.

getColorModel() - Method in interface `java.awt.PaintContext`  
Returns the `ColorModel` of the output.

getColorModel() - Method in class `java.awt.Toolkit`  
Determines the color model of this toolkit's screen.

getColorModel() - Method in class `java.awt.image.PixelGrabber`  
Get the `ColorModel` for the pixels stored in the array.

getColorModel() - Method in interface `java.awt.image.RenderedImage`  
Returns the `ColorModel` associated with this image.

getColorModel() - Method in class `java.awt.image BufferedImage`  
Returns the `ColorModel`.

getColorModel(int) - Method in class `java.awt.GraphicsConfiguration`  
Returns the `ColorModel` associated with this `GraphicsConfiguration` that supports the specified transparency.

getColorSelectionModel() - Method in class `javax.swing.colorchooser.AbstractColorChooserPanel`  
Returns the model that the chooser panel is editing.

getColorSpace() - Method in class `java.awt.Color`  
Returns the `ColorSpace` of this `Color`.

getColorSpace() - Method in class `java.awt.image.ColorModel`  
Returns the `ColorSpace` associated with this `ColorModel`.

getColorSpaceType() - Method in class `java.awt.color.ICC_Profile`  
Returns the color space type.

getColumn() - Method in class `javax.swing.event.TableModelEvent`

- Returns the column for the event.
- [getColumn\(int\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
 Returns the TableColumn object for the column at columnIndex.
- [getColumn\(int\)](#) - Method in interface javax.swing.table.TableColumnModel  
 Returns the TableColumn object for the column at columnIndex.
- [getColumn\(Object\)](#) - Method in class javax.swing.JTable  
 Returns the TableColumn object for the column in the table whose identifier is equal to identifier, when compared using equals.
- [getColumnClass\(int\)](#) - Method in class javax.swing.JTable  
 Returns the type of the column appearing in the view at column position column.
- [getColumnClass\(int\)](#) - Method in class javax.swing.table.AbstractTableModel  
 Returns Object.class regardless of columnIndex.
- [getColumnClass\(int\)](#) - Method in interface javax.swing.table.TableModel  
 Returns the most specific superclass for all the cell values in the column.
- [getColumnName\(int\)](#) - Method in interface java.sql.ResultSetMetaData  
 Returns the fully-qualified name of the Java class whose instances are manufactured if the method ResultSet.getObject is called to retrieve a value from the column.
- [getCount\(\)](#) - Method in interface java.sql.ResultSetMetaData  
 Returns the number of columns in this ResultSet object.
- [getCount\(\)](#) - Method in class javax.swing.JTable  
 Returns the number of columns in the column model.
- [getCount\(\)](#) - Method in class javax.swing.table.DefaultTableModel  
 Returns the number of columns in this data table.
- [getCount\(\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
 Returns the number of columns in the tableColumns array.
- [getCount\(\)](#) - Method in interface javax.swing.table.TableModel  
 Returns the number of columns in the model.
- [getCount\(\)](#) - Method in interface javax.swing.table.TableColumnModel  
 Returns the number of columns in the model.
- [getCount\(\)](#) - Method in class javax.swing.text.TableView.TableCell  
 Deprecated. Gets the number of columns this cell spans (e.g.
- [getColumnDisplaySize\(int\)](#) - Method in interface java.sql.ResultSetMetaData  
 Indicates the designated column's normal maximum width in characters.
- [getColumnHeader\(\)](#) - Method in class javax.swing.ScrollPaneLayout  
 Returns the JViewport object that is the column header.
- [getColumnHeader\(\)](#) - Method in class javax.swing.JScrollPane  
 Returns the column header.
- [getColumnIndex\(Object\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
 Returns the index of the first column in the tableColumns array whose identifier is equal to identifier, when compared using equals.
- [getColumnIndex\(Object\)](#) - Method in interface javax.swing.table.TableColumnModel  
 Returns the index of the first column in the table whose identifier is equal to identifier, when compared using equals.
- [getColumnIndexAtX\(int\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
 Returns the index of the column that lies at position x, or -1 if no column covers this point.
- [getColumnIndexAtX\(int\)](#) - Method in interface javax.swing.table.TableColumnModel  
 Returns the index of the column that lies on the horizontal point, xPosition; or -1 if it lies outside the

any of the column's bounds.

getColumnLabel(int) - Method in interface `java.sql.ResultSetMetaData`

Gets the designated column's suggested title for use in printouts and displays.

getColumnMargin() - Method in class `javax.swing.table.DefaultTableColumnModel`

Returns the width margin for `TableColumn`.

getColumnMargin() - Method in interface `javax.swing.table.TableColumnModel`

Returns the width between the cells in each column.

getColumnModel() - Method in class `javax.swing.JTable`

Returns the `TableColumnModel` that contains all column information of this table.

getColumnModel() - Method in class `javax.swing.table.JTableHeader`

Returns the `TableColumnModel` that contains all column information of this table header.

getColumnName(int) - Method in interface `java.sql.ResultSetMetaData`

Get the designated column's name.

getColumnName(int) - Method in class `javax.swing.JTable`

Returns the name of the column appearing in the view at column position `column`.

getColumnName(int) - Method in class `javax.swing.table.AbstractTableModel`

Returns a default name for the column using spreadsheet conventions: A, B, C, ...

getColumnName(int) - Method in class `javax.swing.table.DefaultTableModel`

Returns the column name.

getColumnName(int) - Method in interface `javax.swing.table.TableModel`

Returns the name of the column at `columnIndex`.

getColumnPrivileges(String, String, String, String) - Method in interface `java.sql.DatabaseMetaData`

Gets a description of the access rights for a table's columns.

getColumns() - Method in class `java.awt.GridLayout`

Gets the number of columns in this layout.

getColumns() - Method in class `java.awt.TextField`

Gets the number of columns in this text field.

getColumns() - Method in class `java.awt.TextArea`

Gets the number of columns in this text area.

getColumns() - Method in class `javax.swing.JTextField`

Returns the number of columns in this `TextField`.

getColumns() - Method in class `javax.swing.JTextArea`

Returns the number of columns in the `TextArea`.

getColumns() - Method in class `javax.swing.table.DefaultTableColumnModel`

Returns an `Enumeration` of all the columns in the model.

getColumns() - Method in interface `javax.swing.table.TableColumnModel`

Returns an `Enumeration` of all the columns in the model.

getColumns(String, String, String, String) - Method in interface `java.sql.DatabaseMetaData`

Gets a description of table columns available in the specified catalog.

getColumnSelectionAllowed() - Method in class `javax.swing.JTable`

Returns true if columns can be selected.

getColumnSelectionAllowed() - Method in class `javax.swing.table.DefaultTableColumnModel`

Returns true if column selection is allowed, otherwise false.

getColumnSelectionAllowed() - Method in interface `javax.swing.table.TableColumnModel`

Returns true if columns may be selected.

getColumnType(int) - Method in interface `java.sql.ResultSetMetaData`

Retrieves the designated column's SQL type.

isSubscript(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Checks whether the subscript attribute is set.

isSuperscript() - Method in class javax.swing.text.GlyphView

Determine if the glyphs should be rendered as subscript.

isSuperscript() - Method in class javax.swing.text.LabelView

Determine if the glyphs should be rendered as subscript.

isSuperscript(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Checks whether the superscript attribute is set.

isSupportedLookAndFeel() - Method in class javax.swing.LookAndFeel

Return true if the underlying platform supports and or permits this look and feel.

isSupportedLookAndFeel() - Method in class javax.swing.plaf.metal.MetalLookAndFeel

isSupportedLookAndFeel() - Method in class javax.swing.plaf.multi.MultiLookAndFeel

isSynchronizationSupported(Line[], boolean) - Method in interface javax.sound.sampled.Mixer

Reports whether this mixer supports synchronization of the specified set of lines.

isSynchronized(int) - Static method in class java.lang.reflect.Modifier

Return true if the specified integer includes the synchronized modifier.

isTargetEncodingSupported(AudioFormat.Encoding) - Method in class

javax.sound.sampled.spi.FormatConversionProvider

Indicates whether the format converter supports conversion to the specified target format encoding.

isTearOff() - Method in class java.awt.Menu

Indicates whether this menu is a tear-off menu.

isTearOff() - Method in class javax.swing.JMenu

Returns true if the menu can be torn off.

isTemporary() - Method in class java.awt.event.FocusEvent

Identifies the focus change event as temporary or permanent.

isText(Element) - Method in class javax.swing.text.html.MinimalHTMLWriter

Returns true if the element is a text element.

isTileWritable(int, int) - Method in class java.awt.image.BufferedImage

Returns whether or not a tile is currently checked out for writing.

isTileWritable(int, int) - Method in interface java.awt.image.WritableRenderedImage

Returns whether a tile is currently checked out for writing.

isTimeSet - Variable in class java.util.Calendar

True if then the value of time is valid.

isTitleCase(char) - Static method in class java.lang.Character

Determines if the specified character is a titlecase character.

isToggleEvent(MouseEvent) - Method in class javax.swing.plaf.basic.BasicTreeUI

Returning true indicates the row under the mouse should be toggled based on the event.

isToggleSelectionEvent(MouseEvent) - Method in class javax.swing.plaf.basic.BasicTreeUI

Returning true signifies a mouse event on the node should toggle the selection of only the row under mouse.

isTopLevelMenu() - Method in class javax.swing.JMenu

Returns true if the menu is a 'top-level menu', that is, if it is the direct child of a menubar.

isTransient(int) - Static method in class java.lang.reflect.Modifier

Return true if the specifier integer includes the transient modifier.

isTraversable(File) - Method in class javax.swing.JFileChooser

Returns true if the file (directory) can be visited.

[isTraversable\(File\)](#) - Method in class javax.swing.filechooser.FileView

Whether the directory is traversable or not.

[isTraversable\(File\)](#) - Method in class javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView

[IStringHelper](#) - class org.omg.CosNaming.IStringHelper.

[isUnderline\(\)](#) - Method in class javax.swing.text.GlyphView

Determine if the glyphs should be underlined.

[isUnderline\(\)](#) - Method in class javax.swing.text.LabelView

Determine if the glyphs should be underlined.

[isUnderline\(AttributeSet\)](#) - Static method in class javax.swing.text.StyleConstants

Checks whether the underline attribute is set.

[isUnicast\(\)](#) - Method in class java.beans.EventSetDescriptor

Normally event sources are multicast.

[isUnicodeIdentifierPart\(char\)](#) - Static method in class java.lang.Character

Determines if the specified character may be part of a Unicode identifier as other than the first character.

[isUnicodeIdentifierStart\(char\)](#) - Static method in class java.lang.Character

Determines if the specified character is permissible as the first character in a Unicode identifier.

[isUnique\(\)](#) - Static method in class java.rmi.dgc.VMID

Deprecated.

[isUpperCase\(char\)](#) - Static method in class java.lang.Character

Determines if the specified character is an uppercase character.

[isValid\(\)](#) - Method in class java.awt.Component

Determines whether this component is valid.

[isValid\(\)](#) - Method in class java.awt.image.IndexColorModel

Returns whether or not all of the pixels are valid.

[isValid\(\)](#) - Method in class javax.accessibility.AccessibleHyperlink

Since the document a link is associated with may have changed, this method returns whether or not this Link is still valid (with respect to the document it references).

[isValid\(\)](#) - Method in class javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink

Since the document a link is associated with may have changed, this method returns whether this Link is valid anymore (with respect to the document it references).

[isValid\(\)](#) - Method in class javax.swing.text.html.HTMLDocument.Iterator

Indicates if the iterator is currently representing an occurrence of a tag.

[isValid\(\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneDivider.DragController

Returns true if the dragging session is valid.

[isValid\(int\)](#) - Method in class java.awt.image.IndexColorModel

Returns whether or not the pixel is valid.

[isValidateRoot\(\)](#) - Method in class javax.swing.JComponent

If this method returns true, revalidate() calls by descendants of this component will cause the entire tree beginning with this root to be validated.

[isValidateRoot\(\)](#) - Method in class javax.swing.JTextField

Calls to revalidate that come from within the textfield itself will be handled by validating the textfield, unless the receiver is contained within a JViewport, in which case this returns false.

[isValidateRoot\(\)](#) - Method in class javax.swing.JSplitPane

Returns true, so that calls to `revalidate` on any descendant of this `JSplitPane` will cause a request to be queued that will validate the `JSplitPane` and all its descendants.

[isValidateRoot\(\)](#) - Method in class `javax.swing.JScrollPane`

Calls `revalidate` on any descendant of this `JScrollPane`.

[isValidateRoot\(\)](#) - Method in class `javax.swing.JRootPane`

If a descendant of this `JRootPane` calls `revalidate`, validate from here on down.

[isVertical\(\)](#) - Method in class `java.awt.font.TextLayout`

Returns `true` if this `TextLayout` is vertical.

[isViewSizeSet](#) - Variable in class `javax.swing.JViewport`

True when the viewport dimensions have been determined.

[isVisible\(\)](#) - Method in class `java.awt.Component`

Determines whether this component should be visible when its parent is visible.

[isVisible\(\)](#) - Method in class `java.awt.Component.AccessibleAWTComponent`

Determine if the object is visible.

[isVisible\(\)](#) - Method in class `java.awt.MenuComponent.AccessibleAWTMenuComponent`

Determine if the object is visible.

[isVisible\(\)](#) - Method in class `java.awt.List.AccessibleAWTList.AccessibleAWTListChild`

Determine if the object is visible.

[isVisible\(\)](#) - Method in interface `javax.accessibility.AccessibleComponent`

Determines if the object is visible.

[isVisible\(\)](#) - Method in class `javax.swing.JPopupMenu`

Returns true if the popup menu is visible (currently being displayed).

[isVisible\(\)](#) - Method in class `javax.swing.JList.AccessibleJList.AccessibleJListChild`

[isVisible\(\)](#) - Method in class `javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode`

[isVisible\(\)](#) - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`

Determines if this object is visible.

[isVisible\(\)](#) - Method in class `javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry`

[isVisible\(\)](#) - Method in class `javax.swing.text.View`

Returns a boolean that indicates whether the view is visible or not.

[isVisible\(\)](#) - Method in class `javax.swing.text.DefaultCaret`

Determines if the caret is currently visible.

[isVisible\(\)](#) - Method in interface `javax.swing.text.Caret`

Determines if the caret is currently visible.

[isVisible\(\)](#) - Method in class `javax.swing.text.html.ParagraphView`

Indicates whether or not this view should be displayed.

[isVisible\(\)](#) - Method in interface `javax.swing.plaf.basic.ComboPopup`

Returns whether or not the popup is visible

[isVisible\(TreePath\)](#) - Method in class `javax.swing.JTree`

Returns true if the value identified by path is currently viewable, which means it is either the root or all of its parents are expanded.

[isVolatile\(int\)](#) - Static method in class `java.lang.reflect.Modifier`

Return true if the specified integer includes the `volatile` modifier.

[isWhitespace\(\)](#) - Method in class `java.awt.font.GlyphMetrics`

Returns true if this is a whitespace glyph.

isWhitespace(char) - Static method in class java.lang.Character

Determines if the specified character is white space according to Java.

isWritable(int) - Method in interface java.sql.ResultSetMetaData

Indicates whether it is possible for a write on the designated column to succeed.

isZoneLoaded(View) - Method in class javax.swing.text.ZoneView

Determine if a zone is in the loaded state.

ITALIAN - Static variable in class java.util.Locale

Useful constant for language.

Italic - Static variable in class javax.swing.text.StyleConstants

Name of the italic attribute.

Italic - Static variable in class javax.swing.text.StyleConstants.CharacterConstants

Name of the italic attribute.

Italic - Static variable in class javax.swing.text.StyleConstants.FontConstants

Name of the italic attribute.

ITALIC - Static variable in class java.awt.Font

The italicized style constant.

ITALIC\_ACTION - Static variable in class javax.swing.text.html.HTMLEditorKit

The italic action identifier

ITALY - Static variable in class java.awt.PageAttributes.MediaType

An alias for ITALY\_ENVELOPE.

ITALY - Static variable in class java.util.Locale

Useful constant for country.

ITALY\_ENVELOPE - Static variable in class java.awt.PageAttributes.MediaType

The MediaType instance for Italy Envelope, 110 x 230 mm.

ITEM\_EVENT\_MASK - Static variable in class java.awt.AWTEvent

The event mask for selecting item events.

ITEM\_FIRST - Static variable in class java.awt.event.ItemEvent

The first number in the range of ids used for item events.

ITEM\_LAST - Static variable in class java.awt.event.ItemEvent

The last number in the range of ids used for item events.

ITEM\_STATE\_CHANGED - Static variable in class java.awt.event.ItemEvent

This event id indicates that an item's state changed.

item(int) - Method in class org.omg.CORBA.ContextList

Returns the String object at the given index.

item(int) - Method in class org.omg.CORBA.ExceptionList

Returns the TypeCode object at the given index.

item(int) - Method in class org.omg.CORBA.NVLList

Retrieves the NamedValue object at the given index.

ItemEvent - class java.awt.event.ItemEvent

A semantic event which indicates that an item was selected or deselected.

ItemEvent(ItemSelectable, int, Object, int) - Constructor for class java.awt.event.ItemEvent

Constructs an ItemEvent object.

itemListener - Variable in class javax.swing.AbstractButton

The button model's ItemListener.

itemListener - Variable in class javax.swing.plaf.basic.BasicComboPopup

itemListener - Variable in class javax.swing.plaf.basic.BasicComboBoxUI

ItemListener - interface java.awt.event.ItemListener.

The listener interface for receiving item events.

ItemSelectable - interface java.awt.ItemSelectable.

The interface for objects which contain a set of items for which zero or more can be selected.

itemStateChanged(ItemEvent) - Method in class java.awt.Checkbox.AccessibleAWTCheckbox

Fire accessible property change events when the state of the toggle button changes.

itemStateChanged(ItemEvent) - Method in class java.awt.AWTEventMulticaster

Handles the itemStateChanged event by invoking the itemStateChanged methods on listener-a and listener-b.

itemStateChanged(ItemEvent) - Method in class java.awt.List.AccessibleAWTList

itemStateChanged(ItemEvent) - Method in interface java.awt.event.ItemListener

Invoked when an item has been selected or deselected.

itemStateChanged(ItemEvent) - Method in class javax.swing.JToggleButton.AccessibleJToggleButton

Fire accessible property change events when the state of the toggle button changes.

itemStateChanged(ItemEvent) - Method in class javax.swing.DefaultCellEditor.EditorDelegate

itemStateChanged(ItemEvent) - Method in class javax.swing.plaf.basic.BasicComboPopup.ItemHandler

itemStateChanged(ItemEvent) - Method in class javax.swing.plaf.basic.BasicComboBoxUI.ItemHandler

Iterator - interface java.util.Iterator.

An iterator over a collection.

iterator() - Method in class java.awt.dnd.DragGestureEvent

This method returns an Iterator for the events comprising the gesture.

iterator() - Method in class java.beans.beancontext.BeanContextMembershipEvent

Gets the array of children affected by this event.

iterator() - Method in class java.beans.beancontext.BeanContextSupport

Gets all JavaBean or BeanContext instances currently nested in this BeanContext.

iterator() - Method in class java.util.AbstractCollection

Returns an iterator over the elements contained in this collection.

iterator() - Method in class java.util.TreeSet

Returns an iterator over the elements in this set.

iterator() - Method in class java.util.AbstractList

Returns an iterator over the elements in this list in proper sequence.

iterator() - Method in interface java.util.Collection

Returns an iterator over the elements in this collection.

iterator() - Method in class java.util.AbstractSequentialList

Returns an iterator over the elements in this list (in proper sequence).

iterator() - Method in class java.util.HashSet

Returns an iterator over the elements in this set.

iterator() - Method in interface java.util.Set

Returns an iterator over the elements in this set.

iterator() - Method in interface java.util.List

Returns an iterator over the elements in this list in proper sequence.

[Submit a bug or feature](#)

For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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## O

[OBJ\\_ADAPTER](#) - exception org.omg.CORBA.[OBJ\\_ADAPTER](#).

The CORBA OBJ\_ADAPTER exception, which is thrown by the object adapter on the server to indicate some error.

[OBJ\\_ADAPTER\(\)](#) - Constructor for class org.omg.CORBA.[OBJ\\_ADAPTER](#)

Constructs an OBJ\_ADAPTER exception with a default minor code of 0, a completion state of CompletionStatus.COMPLETED\_NO, and a null description.

[OBJ\\_ADAPTER\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[OBJ\\_ADAPTER](#)

Constructs an OBJ\_ADAPTER exception with the specified minor code and completion status.

[OBJ\\_ADAPTER\(String\)](#) - Constructor for class org.omg.CORBA.[OBJ\\_ADAPTER](#)

Constructs an OBJ\_ADAPTER exception with the specified description, a minor code of 0, and a completion state of COMPLETED\_NO.

[OBJ\\_ADAPTER\(String, int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[OBJ\\_ADAPTER](#)

Constructs an OBJ\_ADAPTER exception with the specified description message, minor code, and completion status.

[object](#) - Variable in class javax.swing.undo.[StateEdit](#)

The object being edited

[Object](#) - class java.lang.[Object](#).

Class Object is the root of the class hierarchy.

[Object](#) - interface org.omg.CORBA.[Object](#).

The definition for a CORBA object reference.

[OBJECT](#) - Static variable in class javax.swing.text.html.[HTML.Tag](#)

[OBJECT\\_ADDED](#) - Static variable in class javax.naming.event.[NamingEvent](#)

Naming event type for indicating that a new object has been added.

[OBJECT\\_CHANGED](#) - Static variable in class javax.naming.event.[NamingEvent](#)

Naming event type for indicating that an object has been changed.

[OBJECT\\_FACTORIES](#) - Static variable in interface javax.naming.[Context](#)

Constant that holds the name of the environment property for specifying the list of object factories to use.

[OBJECT\\_NOT\\_EXIST](#) - exception org.omg.CORBA.[OBJECT\\_NOT\\_EXIST](#).

The CORBA OBJECT\_NOT\_EXIST exception, which is usually thrown from the server to indicate that the target object does not exist.

[OBJECT\\_NOT\\_EXIST\(\)](#) - Constructor for class org.omg.CORBA.[OBJECT\\_NOT\\_EXIST](#)

Constructs an OBJECT\_NOT\_EXIST exception with a default minor code of 0, a completion state of CompletionStatus.COMPLETED\_NO, and a null description.

[OBJECT\\_NOT\\_EXIST\(int, CompletionStatus\)](#) - Constructor for class org.omg.CORBA.[OBJECT\\_NOT\\_EXIST](#)

Constructs an OBJECT\_NOT\_EXIST exception with the specified minor code and completion status.

[OBJECT\\_NOT\\_EXIST\(String\)](#) - Constructor for class org.omg.CORBA.[OBJECT\\_NOT\\_EXIST](#)

Constructs an OBJECT\_NOT\_EXIST exception with the specified description, a minor code of 0, and a completion state of COMPLETED\_NO.

OBJECT\_NOT\_EXIST(String, int, CompletionStatus) - Constructor for class

org.omg.CORBA.OBJECT\_NOT\_EXIST

Constructs an OBJECT\_NOT\_EXIST exception with the specified description message, minor code, and completion status.

OBJECT\_REMOVED - Static variable in class javax.naming.event.NamingEvent

Naming event type for indicating that an object has been removed.

OBJECT\_RENAMED - Static variable in class javax.naming.event.NamingEvent

Naming event type for indicating that an object has been renamed.

OBJECT\_SCOPE - Static variable in class javax.naming.directory.SearchControls

Search the named object.

OBJECT\_SCOPE - Static variable in interface javax.naming.event.EventContext

Constant for expressing interest in events concerning the object named by the target.

object\_to\_string(Object) - Method in class org.omg.CORBA.ORB

Converts the given CORBA object reference to a string.

Object() - Constructor for class java.lang.Object

objectAdded(NamingEvent) - Method in interface javax.naming.event.NamespaceChangeListener

Called when an object has been added.

objectChanged(NamingEvent) - Method in interface javax.naming.event.ObjectChangeListener

Called when an object has been changed.

ObjectChangeListener - interface javax.naming.event.ObjectChangeListener.

Specifies the method that a listener of a NamingEvent with event type of OBJECT\_CHANGED must implement.

ObjectFactory - interface javax.naming.spi.ObjectFactory.

This interface represents a factory for creating an object.

ObjectFactoryBuilder - interface javax.naming.spi.ObjectFactoryBuilder.

This interface represents a builder that creates object factories.

ObjectHelper - class org.omg.CORBA.ObjectHelper.

ObjectHelper() - Constructor for class org.omg.CORBA.ObjectHelper

ObjectHolder - class org.omg.CORBA.ObjectHolder.

A Holder class for a CORBA object reference (a value of type org.omg.CORBA.Object).

ObjectHolder() - Constructor for class org.omg.CORBA.ObjectHolder

Constructs a new ObjectHolder object with its value field initialized to null.

ObjectHolder(Object) - Constructor for class org.omg.CORBA.ObjectHolder

Constructs a new ObjectHolder object with its value field initialized to the given Object.

ObjectImpl - class org.omg.CORBA.portable.ObjectImpl.

The common base class for all stub classes; provides default implementations of the org.omg.CORBA.Object methods.

ObjectImpl - class org.omg.CORBA\_2\_3.portable.ObjectImpl.

ObjectImpl class is the base class for all stubs.

ObjectImpl() - Constructor for class org.omg.CORBA.portable.ObjectImpl

ObjectImpl() - Constructor for class org.omg.CORBA\_2\_3.portable.ObjectImpl

[ObjectInput](#) - interface [java.io.ObjectInput](#).

ObjectInput extends the DataInput interface to include the reading of objects.

[ObjectInputStream](#) - class [java.io.ObjectInputStream](#).

An ObjectInputStream deserializes primitive data and objects previously written using an ObjectOutputStream.

[ObjectInputStream.GetField](#) - class [java.io.ObjectInputStream.GetField](#).

Provide access to the persistent fields read from the input stream.

[ObjectInputStream.GetField\(\)](#) - Constructor for class [java.io.ObjectInputStream.GetField](#)

[ObjectInputStream\(\)](#) - Constructor for class [java.io.ObjectInputStream](#)

Provide a way for subclasses that are completely reimplementing ObjectInputStream to not have to allocate private data just used by this implementation of ObjectInputStream.

[ObjectInputStream\(InputStream\)](#) - Constructor for class [java.io.ObjectInputStream](#)

Create an ObjectInputStream that reads from the specified InputStream.

[ObjectInputValidation](#) - interface [java.io.ObjectInputValidation](#).

Callback interface to allow validation of objects within a graph.

[ObjectOutput](#) - interface [java.io.ObjectOutput](#).

ObjectOutput extends the DataOutput interface to include writing of objects.

[ObjectOutputStream](#) - class [java.io.ObjectOutputStream](#).

An ObjectOutputStream writes primitive data types and graphs of Java objects to an OutputStream.

[ObjectOutputStream.PutField](#) - class [java.io.ObjectOutputStream.PutField](#).

Provide programmatic access to the persistent fields to be written to ObjectOutput.

[ObjectOutputStream.PutField\(\)](#) - Constructor for class [java.io.ObjectOutputStream.PutField](#)

[ObjectOutputStream\(\)](#) - Constructor for class [java.io.ObjectOutputStream](#)

Provide a way for subclasses that are completely reimplementing ObjectOutputStream to not have to allocate private data just used by this implementation of ObjectOutputStream.

[ObjectOutputStream\(OutputStream\)](#) - Constructor for class [java.io.ObjectOutputStream](#)

Creates an ObjectOutputStream that writes to the specified OutputStream.

[objectRemoved\(NamingEvent\)](#) - Method in interface [javax.naming.event.NamespaceChangeListener](#)

Called when an object has been removed.

[objectRenamed\(NamingEvent\)](#) - Method in interface [javax.naming.event.NamespaceChangeListener](#)

Called when an object has been renamed.

[ObjectStreamClass](#) - class [java.io.ObjectStreamClass](#).

Serialization's descriptor for classes.

[ObjectStreamConstants](#) - interface [java.io.ObjectStreamConstants](#).

Constants written into the Object Serialization Stream.

[ObjectStreamException](#) - exception [java.io.ObjectStreamException](#).

Superclass of all exceptions specific to Object Stream classes.

[ObjectStreamException\(\)](#) - Constructor for class [java.io.ObjectStreamException](#)

Create an ObjectStreamException.

[ObjectStreamException\(String\)](#) - Constructor for class [java.io.ObjectStreamException](#)

Create an ObjectStreamException with the specified argument.

[ObjectStreamField](#) - class [java.io.ObjectStreamField](#).

A description of a Serializable field from a Serializable class.

[ObjectStreamField\(String, Class\)](#) - Constructor for class [java.io.ObjectStreamField](#)

Create a Serializable field with the specified type.

ObjectView - class javax.swing.text.html.ObjectView.

Component decorator that implements the view interface for <object> elements.

ObjectView(Element) - Constructor for class javax.swing.text.html.ObjectView

Creates a new ObjectView object.

ObjID - class java.rmi.server.ObjID.

An Obj ID is used to identify remote objects uniquely in a VM over time.

ObjID() - Constructor for class java.rmi.server.ObjID

Generates a unique object identifier.

ObjID(int) - Constructor for class java.rmi.server.ObjID

Generates a "well-known" object ID.

Observable - class java.util.Observable.

This class represents an observable object, or "data" in the model-view paradigm.

Observable() - Constructor for class java.util.Observable

Construct an Observable with zero Observers.

Observer - interface java.util.Observer.

A class can implement the Observer interface when it wants to be informed of changes in observable objects.

OctetSeqHelper - class org.omg.CORBA.OctetSeqHelper.

org/omg/CORBA/OctetSeqHelper.java Generated by the IDL-to-Java compiler (portable), version "3.0"  
from streams.idl 13 May 1999 22:41:36 o'clock GMT+00:00

OctetSeqHelper() - Constructor for class org.omg.CORBA.OctetSeqHelper

OctetSeqHolder - class org.omg.CORBA.OctetSeqHolder.

org/omg/CORBA/OctetSeqHolder.java Generated by the IDL-to-Java compiler (portable), version "3.0"  
from streams.idl 13 May 1999 22:41:36 o'clock GMT+00:00

OctetSeqHolder() - Constructor for class org.omg.CORBA.OctetSeqHolder

OctetSeqHolder(byte[]) - Constructor for class org.omg.CORBA.OctetSeqHolder

OCTOBER - Static variable in class java.util.Calendar

Value of the MONTH field indicating the tenth month of the year.

oEnd - Variable in class javax.swing.text.html.parser.Element

of(char) - Static method in class java.lang.Character.UnicodeBlock

Returns the object representing the Unicode block containing the given character, or null if the character is not a member of a defined block.

offset - Variable in class java.awt.image.DataBuffer

Offset into default (first) bank from which to get the first element.

offset - Variable in class javax.swing.text.Segment

This is the offset into the array that the desired text begins.

offset - Variable in class javax.swing.tree.DefaultTreeCellEditor

Used in editing.

offset - Variable in class javax.swing.plaf.basic.BasicScrollBarUI.TrackListener

offset - Variable in class javax.swing.plaf.basic.BasicSliderUI.TrackListener

offset - Variable in class org.omg.CORBA.portable.IndirectionException

Points to the stream's offset.

offsetRequested() - Method in class javax.swing.text.BadLocationException

Returns the offset into the document that was not legal.

offsets - Variable in class java.awt.image.DataBuffer

Offsets into all banks.

OK\_CANCEL\_OPTION - Static variable in class javax.swing.JOptionPanel

Type used for showConfirmDialog.

OK\_OPTION - Static variable in class javax.swing.JOptionPanel

Return value from class method if OK is chosen.

okToUseGui - Variable in class java.beans.beancontext.BeanContextSupport

A boolean indicating if this instance may now render a GUI.

okToUseGui() - Method in interface java.beans.Visibility

This method instructs the bean that it is OK to use the Gui.

okToUseGui() - Method in class java.beans.beancontext.BeanContextSupport

Notify this instance that it may now render a GUI

OL - Static variable in class javax.swing.text.html.HTML.Tag

oldBinding - Variable in class javax.naming.event.NamingEvent

Contains information about the object before the change.

oldBorderPainted - Variable in class javax.swing.plaf.basic.BasicMenuItemUI

oldLeadSelectionPath - Variable in class javax.swing.event.TreeSelectionEvent

leadSelectionPath before the paths changed, may be null.

OMGVMCID - interface org.omg.CORBA.OMGVMCID.

The vendor minor code ID reserved for OMG.

omitEnd() - Method in class javax.swing.text.html.parser.Element

Return true if the end tag can be omitted.

omitStart() - Method in class javax.swing.text.html.parser.Element

Return true if the start tag can be omitted.

on(boolean) - Method in class java.security.DigestOutputStream

Turns the digest function on or off.

on(boolean) - Method in class java.security.DigestInputStream

Turns the digest function on or off.

ONE - Static variable in class java.math.BigInteger

The BigInteger constant one.

ONE\_SIDED - Static variable in class java.awt.JobAttributes.SidesType

The SidesType instance to use for specifying that consecutive job pages should be printed upon the same side of consecutive media sheets.

ONE\_TOUCH\_EXPANDABLE\_PROPERTY - Static variable in class javax.swing.JSplitPane

Bound property for oneTouchExpandable.

ONE\_TOUCH\_OFFSET - Static variable in class javax.swing.plaf.basic.BasicSplitPaneDivider

ONE\_TOUCH\_SIZE - Static variable in class javax.swing.plaf.basic.BasicSplitPaneDivider

Width or height of the divider based on orientation BasicSplitPaneUI adds two to this.

ONELEVEL\_SCOPE - Static variable in class javax.naming.directory.SearchControls

Search one level of the named context.

ONELEVEL\_SCOPE - Static variable in interface javax.naming.event.EventContext

Constant for expressing interest in events concerning objects in the context named by the target, excluding the context named by the target.

oneTouchExpandable - Variable in class javax.swing.JSplitPane

Is a little widget provided to quickly expand/collapse the split pane?

oneTouchExpandableChanged() - Method in class javax.swing.plaf.basic.BasicSplitPaneDivider

Messaged when the oneTouchExpandable value of the JSplitPane the receiver is contained in changes.

op\_name() - Method in class org.omg.CORBA.ServerRequest

Deprecated. *use operation()*

OPAQUE - Static variable in interface java.awt.Transparency

Represents image data that is guaranteed to be completely opaque, meaning that all pixels have an alpha value of 1.0.

OPAQUE - Static variable in class javax.accessibility.AccessibleState

Indicates this object paints every pixel within its rectangular region.

OPEN - Static variable in class java.awt.geom.Arc2D

The closure type for an open arc with no path segments connecting the two ends of the arc segment.

OPEN - Static variable in class javax.sound.sampled.LineEvent.Type

A type of event that is sent when a line opens, reserving system resources for itself.

OPEN\_DELETE - Static variable in class java.util.zip.ZipFile

Mode flag to open a zip file and mark it for deletion.

OPEN\_DIALOG - Static variable in class javax.swing.JFileChooser

Type value indicating that the JFileChooser supports an "Open" file operation.

OPEN\_READ - Static variable in class java.util.zip.ZipFile

Mode flag to open a zip file for reading.

open() - Method in interface javax.sound.sampled.Line

Opens the line, indicating that it should acquire any required system resources and become operational.

open() - Method in interface javax.sound.midi.MidiDevice

Opens the device, indicating that it should now acquire any system resources it requires and become operational.

open(AudioFormat) - Method in interface javax.sound.sampled.TargetDataLine

Opens the line with the specified format, causing the line to acquire any required system resources and become operational.

open(AudioFormat) - Method in interface javax.sound.sampled.SourceDataLine

Opens the line with the specified format, causing the line to acquire any required system resources and become operational.

open(AudioFormat, byte[], int, int) - Method in interface javax.sound.sampled.Clip

Opens the clip, meaning that it should acquire any required system resources and become operational.

open(AudioFormat, int) - Method in interface javax.sound.sampled.TargetDataLine

Opens the line with the specified format and requested buffer size, causing the line to acquire any required system resources and become operational.

open(AudioFormat, int) - Method in interface javax.sound.sampled.SourceDataLine

Opens the line with the specified format and suggested buffer size, causing the line to acquire any required system resources and become operational.

open(AudioInputStream) - Method in interface javax.sound.sampled.Clip

Opens the clip with the format and audio data present in the provided audio input stream.

openButtonMnemonic - Variable in class javax.swing.plaf.basic.BasicFileChooserUI

openButtonText - Variable in class javax.swing.plaf.basic.BasicFileChooserUI

openButtonToolTipText - Variable in class javax.swing.plaf.basic.BasicFileChooserUI

openConnection() - Method in class java.net.URL

Returns a URLConnection object that represents a connection to the remote object referred to by the URL.  
openConnection(URL) - Method in class java.net.URLStreamHandler

Opens a connection to the object referenced by the URL argument.

openFrame(JInternalFrame) - Method in interface javax.swing.DesktopManager

If possible, display this frame in an appropriate location.

openFrame(JInternalFrame) - Method in class javax.swing.DefaultDesktopManager

Normally this method will not be called.

openIcon - Variable in class javax.swing.tree.DefaultTreeCellRenderer

Icon used to show non-leaf nodes that are expanded.

openMenuKey - Variable in class javax.swing.plaf.basic.BasicInternalFrameUI

Deprecated. As of Java 2 platform v1.3.

openStream() - Method in class java.net.URL

Opens a connection to this URL and returns an InputStream for reading from that connection.

OpenType - interface java.awt.font.OpenType.

The OpenType interface represents OpenType and TrueType fonts.

Operation - class java.rmi.server.Operation.

Deprecated. no replacement

operation() - Method in class org.omg.CORBA.ServerRequest

Retrieves the name of the operation being invoked.

operation() - Method in class org.omg.CORBA.Request

Retrieves the name of the method to be invoked.

Operation(String) - Constructor for class java.rmi.server.Operation

Deprecated. no replacement

OperationNotSupportedException - exception javax.naming.OperationNotSupportedException.

This exception is thrown when a context implementation does not support the operation being invoked.

OperationNotSupportedException() - Constructor for class javax.naming.OperationNotSupportedException

Constructs a new instance of OperationNotSupportedException.

OperationNotSupportedException(String) - Constructor for class

javax.naming.OperationNotSupportedException

Constructs a new instance of OperationNotSupportedException using an explanation.

OPTICAL\_CHARACTER\_RECOGNITION - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

Option - class javax.swing.text.html.Option.

Value for the ListModel used to represent <option> elements.

OPTION - Static variable in class javax.swing.text.html.HTML.Tag

OPTION\_PANE - Static variable in class javax.accessibility.AccessibleRole

A specialized pane whose primary use is inside a DIALOG

OPTION\_TYPE\_PROPERTY - Static variable in class javax.swing.JOptionPane

Bound property name for optionType.

Option(AttributeSet) - Constructor for class javax.swing.text.html.Option

Creates a new Option object.

OptionalDataException - exception java.io.OptionalDataException.

Unexpected data appeared in an ObjectInputStream trying to read an Object.

optionPane - Variable in class javax.swing.plaf.basic.BasicOptionPaneUI

JOptionPane that the receiver is providing the look and feel for.

OptionPaneUI - class javax.swing.plafOptionPaneUI.

Pluggable look and feel interface for JOptionPane.

OptionPaneUI() - Constructor for class javax.swing.plafOptionPaneUI

options - Variable in class javax.swing.JOptionPanel

Options to display to the user.

OPTIONS\_PROPERTY - Static variable in class javax.swing.JOptionPanel

Bounds property name for option.

optionType - Variable in class javax.swing.JOptionPanel

Option type, one of DEFAULT\_OPTION, YES\_NO\_OPTION, YES\_NO\_CANCEL\_OPTION or OK\_CANCEL\_OPTION.

or(BigInteger) - Method in class java.math.BigInteger

Returns a BigInteger whose value is (this + val).

or(BitSet) - Method in class java.util.BitSet

Performs a logical OR of this bit set with the bit set argument.

orange - Static variable in class java.awt.Color

The color orange.

ORB - class org.omg.CORBA.ORB.

A class providing APIs for the CORBA Object Request Broker features.

ORB - class org.omg.CORBA\_2\_3.ORB.

A class extending org.omg.CORBA.ORB to make the ORB portable under the OMG CORBA version 2.3 specification.

orb() - Method in interface javax.rmi.CORBA.Tie

Returns the ORB for this tie.

orb() - Method in class org.omg.CORBA.portable.OutputStream

Returns the ORB that created this OutputStream.

orb() - Method in class org.omg.CORBA.portable.InputStream

Returns the ORB that created this InputStream.

ORB() - Constructor for class org.omg.CORBA.ORB

ORB() - Constructor for class org.omg.CORBA\_2\_3.ORB

orb(Object) - Method in class org.omg.CORBA.portable.Delegate

Provides a reference to the orb associated with its parameter.

orb(ORB) - Method in interface javax.rmi.CORBA.Tie

Sets the ORB for this tie.

ordered - Variable in class javax.naming.directory.BasicAttribute

A flag for recording whether this attribute's values are ordered.

ordinaryChar(int) - Method in class java.io.StreamTokenizer

Specifies that the character argument is "ordinary" in this tokenizer.

ordinaryChars(int, int) - Method in class java.io.StreamTokenizer

Specifies that all characters *c* in the range *low* <= *c* <= *high* are "ordinary" in this tokenizer.

org.omg.CORBA - package org.omg.CORBA

Provides the mapping of the OMG CORBA APIs to the Java™ programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB).

[org.omg.CORBA\\_2\\_3](#) - package org.omg.CORBA\_2\_3

The CORBA\_2\_3 package defines additions to existing CORBA interfaces in the Java 2 Standard Edition. These changes occurred in recent revisions to the CORBA API defined by the OMG. The new methods were added to interfaces derived from the corresponding interfaces in the CORBA package. This provides backward compatibility and avoids breaking the JCK tests.

[org.omg.CORBA\\_2\\_3.portable](#) - package org.omg.CORBA\_2\_3.portable

Provides methods for the input and output of value types, and contains other updates to the org/omg/CORBA/portable package.

[org.omg.CORBA.DynAnyPackage](#) - package org.omg.CORBA.DynAnyPackage

Provides the exceptions used with the DynAny interface (InvalidValue, Invalid, InvalidSeq, and TypeMismatch).

[org.omg.CORBA.ORBPackage](#) - package org.omg.CORBA.ORBPackage

Provides the exception InvalidName, which is thrown by the method ORB.resolve\_initial\_references and the exception InconsistentTypeCode, which is thrown by the Dynamic Any creation methods in the ORB class.

[org.omg.CORBA.portable](#) - package org.omg.CORBA.portable

Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB.

[org.omg.CORBA.TypeCodePackage](#) - package org.omg.CORBA.TypeCodePackage

Provides the user-defined exceptions BadKind and Bounds, which are thrown by methods in the class TypeCode.

[org.omg.CosNaming](#) - package org.omg.CosNaming

Provides the naming service for Java IDL.

[org.omg.CosNaming.NamingContextPackage](#) - package org.omg.CosNaming.NamingContextPackage

Provides the exceptions used in the package org.omg.CosNaming (AlreadyBound, CannotProceed, InvalidName, NotEmpty, and NotFound) and also the Helper and Holder classes for those exceptions.

[org.omg.SendingContext](#) - package org.omg.SendingContext

Provides support for the marshalling of value types.

[org.omg.stub.java.rmi](#) - package org.omg.stub.java.rmi

Contains RMI-IIOP Stubs for the Remote types that occur in the java.rmi package.

[orientation](#) - Variable in class javax.swing.JSplitPane

How the views are split.

[orientation](#) - Variable in class javax.swing.JScrollBar

[orientation](#) - Variable in class javax.swing.JProgressBar

The orientation to display the progress bar.

[orientation](#) - Variable in class javax.swing.JSlider

[orientation](#) - Variable in class javax.swing.plaf.basic.BasicSplitPaneDivider

Orientation of the JSplitPane.

[Orientation](#) - Static variable in class javax.swing.text.StyleConstants

Orientation for a paragraph.

[Orientation](#) - Static variable in class javax.swing.text.StyleConstants.ParagraphConstants

Orientation for the paragraph.

ORIENTATION PROPERTY - Static variable in class javax.swing.JSplitPane

Bound property name for orientation (horizontal or vertical).

origin - Variable in class javax.swing.plaf.basic.BasicToolBarUI.DockingListener

originalEx - Variable in class org.omg.CORBA.portable.UnknownException

A throwable--the original exception that was wrapped in a CORBA UnknownException.

OriginateDirection - Static variable in class javax.swing.text.DefaultStyledDocument.ElementSpec

A possible value for getDirection.

origmodel - Variable in class java.awt.image.RGBImageFilter

The ColorModel to be replaced by newmodel when the user calls substituteColorModel.

ORIYA - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

oStart - Variable in class javax.swing.text.html.parser.Element

OTHER - Static variable in class java.sql.Types

The constant in the Java programming language that indicates that the SQL type is database-specific and gets mapped to a Java object that can be accessed via the methods getObject and setObject.

OTHER LETTER - Static variable in class java.lang.Character

Public data for enumerated Unicode general category types.

OTHER NUMBER - Static variable in class java.lang.Character

Public data for enumerated Unicode general category types.

OTHER PUNCTUATION - Static variable in class java.lang.Character

Public data for enumerated Unicode general category types.

OTHER SYMBOL - Static variable in class java.lang.Character

Public data for enumerated Unicode general category types.

othersDeletesAreVisible(int) - Method in interface java.sql.DatabaseMetaData

Indicates whether deletes made by others are visible.

othersInsertsAreVisible(int) - Method in interface java.sql.DatabaseMetaData

Indicates whether inserts made by others are visible.

othersUpdatesAreVisible(int) - Method in interface java.sql.DatabaseMetaData

Indicates whether updates made by others are visible.

out - Variable in class java.io.FilterWriter

The underlying character-output stream.

out - Variable in class java.io.FilterOutputStream

The underlying output stream to be filtered.

out - Variable in class java.io.PipedInputStream

The index of the position in the circular buffer at which the next byte of data will be read by this piped input stream.

out - Variable in class java.io.PrintWriter

The underlying character-output stream of this PrintWriter.

out - Static variable in class java.io.FileDescriptor

A handle to the standard output stream.

out - Static variable in class java.lang.System

The "standard" output stream.

OUT\_BOTTOM - Static variable in class java.awt.geom.Rectangle2D

The bitmask that indicates that a point lies below this Rectangle2D.

OUT\_LEFT - Static variable in class java.awt.geom.Rectangle2D

getColumnName(int) - Method in interface java.sql.ResultSetMetaData

Retrieves the designated column's database-specific type name.

getColumnWidth() - Method in class javax.swing.JTextField

Gets the column width.

getColumnWidth() - Method in class javax.swing.JTextArea

Gets column width.

getComboBox() - Method in class javax.swing.plaf.metal.MetalComboBoxButton

getComboIcon() - Method in class javax.swing.plaf.metal.MetalComboBoxButton

getCommand() - Method in class javax.sound.midi.ShortMessage

Obtains the MIDI command associated with this event.

getCommandEnvironment() - Method in class java.rmi.activation.ActivationGroupDesc

Returns the group's command-environment control object.

getCommandOptions() - Method in class java.rmi.activation.ActivationGroupDesc.CommandEnvironment

Fetch the configured java command options.

getCommandPath() - Method in class java.rmi.activation.ActivationGroupDesc.CommandEnvironment

Fetch the configured path-qualified java command name.

getComment() - Method in class java.util.zip.ZipEntry

Returns the comment string for the entry, or null if none.

getCommittedCharacterCount() - Method in class java.awt.event.InputMethodEvent

Gets the number of committed characters in the text.

getCommittedText(int, int, AttributedCharacterIterator.Attribute[]) - Method in interface

java.awt.im.InputMethodRequests

Gets an iterator providing access to the entire text and attributes contained in the text editing component except for uncommitted text.

getCommittedTextLength() - Method in interface java.awt.im.InputMethodRequests

Gets the length of the entire text contained in the text editing component except for uncommitted (composed) text.

getComponent() - Method in class java.awt.dnd.DropTargetContext

This method returns the Component associated with this DropTargetContext.

getComponent() - Method in class java.awt.dnd.DragGestureRecognizer

This method returns the Component that is to be "observed" by the DragGestureRecognizer for drag initiating gestures.

getComponent() - Method in class java.awt.dnd.DragSourceContext

This method returns the Component associated with this DragSourceContext.

getComponent() - Method in class java.awt.dnd.DragGestureEvent

This method returns the Component associated with this DragGestureEvent.

getComponent() - Method in class java.awt.dnd.DropTarget

This method returns the Component associated with this DropTarget.

getComponent() - Method in class java.awt.event.HierarchyEvent

Returns the originator of the event.

getComponent() - Method in class java.awt.event.ComponentEvent

Returns the originator of the event.

getComponent() - Method in interface java.beans.beancontext.BeanContextChildComponentProxy

Gets the java.awt.Component associated with this BeanContextChild.

getComponent() - Method in class javax.swing.JMenuItem

This method returns the java.awt.Component used to paint this object.

getComponent() - Method in class javax.swing.JMenu

Returns the java.awt.Component used to paint this MenuElement.

getComponent() - Method in class javax.swing.ComponentInputMap

Returns the component the InputMap was created for.

getComponent() - Method in class javax.swing.DefaultCellEditor

Returns the a reference to the editor component.

getComponent() - Method in class javax.swing.JPopupMenu

Returns this JPopupMenu component.

getComponent() - Method in interface javax.swing.Renderer

Returns the component used to render the value.

getComponent() - Method in class javax.swing.JToolTip

Returns the component the tooltip applies to.

getComponent() - Method in class javax.swing.JMenuBar

Implemented to be a MenuElement.

getComponent() - Method in interface javax.swing.MenuElement

This method should return the java.awt.Component used to paint the receiving element.

getComponent() - Method in class javax.swing.event.AncestorEvent

Returns the component that the listener was added to.

getComponent() - Method in class javax.swing.text.DefaultCaret

Gets the text editor component that this caret is bound to.

getComponent() - Method in class javax.swing.text.ComponentView

Fetch the component associated with the view.

getComponent() - Method in class javax.swing.plaf.basic.BasicTextUI

Fetches the text component associated with this UI implementation.

getComponent(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Gets the component setting from the attribute list.

getComponent(int) - Method in class java.awt.Container

Gets the nth component in this container.

getComponentAfter(Container, Component) - Method in class javax.swing.DefaultFocusManager

Return the component the should receive the focus after aComponent

getComponentAt(int) - Method in class javax.swing.JTabbedPane

Returns the component at index.

getComponentAt(int, int) - Method in class java.awt.Component

Determines if this component or one of its immediate subcomponents contains the (x, y) location, and if so, returns the containing component.

getComponentAt(int, int) - Method in class java.awt.Container

Locates the component that contains the x,y position.

getComponentAt(Point) - Method in class java.awt.Component

Returns the component or subcomponent that contains the specified point.

getComponentAt(Point) - Method in class java.awt.Container

Gets the component that contains the specified point.

getComponentAtIndex(int) - Method in class javax.swing.JPopupMenu

Deprecated. replaced by *getComponent(int i)*

getComponentAtIndex(int) - Method in class javax.swing.JToolBar

Returns the component at the specified index.

getComponentAtIndex(int) - Method in class javax.swing.JMenuBar

*Deprecated. replaced by `getComponent(int i)`*

[getComponentBefore\(Container, Component\)](#) - Method in class javax.swing.DefaultFocusManager  
    Return the component that should receive the focus before aComponent

[getComponentCount\(\)](#) - Method in class java.awt.Container  
    Gets the number of components in this panel.

[getComponentCountInLayer\(int\)](#) - Method in class javax.swing.JLayeredPane  
    Returns the number of children currently in the specified layer.

[getComponentGraphics\(Graphics\)](#) - Method in class javax.swing.JComponent  
    Returns the graphics object used to paint this component.

[getComponentIndex\(Component\)](#) - Method in class javax.swing.JPopupMenu  
    Returns the index of the specified component.

[getComponentIndex\(Component\)](#) - Method in class javax.swing.JToolBar  
    Returns the index of the specified component.

[getComponentIndex\(Component\)](#) - Method in class javax.swing.JMenuBar  
    Returns the index of the specified component.

[getComponentOrientation\(\)](#) - Method in class java.awt.Component  
    Retrieve the language-sensitive orientation that is to be used to order the elements or text within this component.

[getComponents\(\)](#) - Method in class java.awt.Container  
    Gets all the components in this container.

[getComponents\(ColorSpace, float\[\]\)](#) - Method in class java.awt.Color  
    Returns a float array containing the color and alpha components of the Color, in the ColorSpace specified by the cspace parameter.

[getComponents\(float\[\]\)](#) - Method in class java.awt.Color  
    Returns a float array containing the color and alpha components of the Color, in the ColorSpace of the Color.

[getComponents\(int, int\[\], int\)](#) - Method in class java.awt.image.ColorModel  
    Returns an array of unnormalized color/alpha components given a pixel in this ColorModel.

[getComponents\(int, int\[\], int\)](#) - Method in class java.awt.image.ComponentColorModel  
    Returns an array of unnormalized color/alpha components given a pixel in this ColorModel.

[getComponents\(int, int\[\], int\)](#) - Method in class java.awt.image.DirectColorModel  
    Returns an array of unnormalized color/alpha components given a pixel in this ColorModel.

[getComponents\(int, int\[\], int\)](#) - Method in class java.awt.image.IndexColorModel  
    Returns an array of unnormalized color/alpha components for a specified pixel in this ColorModel.

[getComponents\(Object, int\[\], int\)](#) - Method in class java.awt.image.ColorModel  
    Returns an array of unnormalized color/alpha components given a pixel in this ColorModel.

[getComponents\(Object, int\[\], int\)](#) - Method in class java.awt.image.ComponentColorModel  
    Returns an array of unnormalized color/alpha components given a pixel in this ColorModel.

[getComponents\(Object, int\[\], int\)](#) - Method in class java.awt.image.DirectColorModel  
    Returns an array of unnormalized color/alpha components given a pixel in this ColorModel.

[getComponents\(Object, int\[\], int\)](#) - Method in class java.awt.image.IndexColorModel  
    Returns an array of unnormalized color/alpha components for a specified pixel in this ColorModel.

[getComponentsInLayer\(int\)](#) - Method in class javax.swing.JLayeredPane  
    Returns an array of the components in the specified layer.

[getComponentSize\(\)](#) - Method in class java.awt.image.ColorModel  
    Returns an array of the number of bits per color/alpha component.

[getComponentSize\(\)](#) - Method in class java.awt.image.IndexColorModel

Returns an array of the number of bits for each color/alpha component.

getComponentSize(int) - Method in class `java.awt.image.ColorModel`  
Returns the number of bits for the specified color/alpha component.

getComponentToLayer() - Method in class `javax.swing.JLayeredPane`  
Returns the hashtable that maps components to layers.

getComponentType() - Method in class `java.lang.Class`  
Returns the Class representing the component type of an array.

getComposite() - Method in class `java.awt.Graphics2D`  
Returns the current Composite in the Graphics2D context.

getCompressedSize() - Method in class `java.util.zip.ZipEntry`  
Returns the size of the compressed entry data, or -1 if not known.

getCompressionThreshold() - Method in class `javax.swing.text.StyleContext`  
Returns the maximum number of key/value pairs to try and compress into unique/imutable sets.

getConcurrency() - Method in interface `java.sql.ResultSet`  
Returns the concurrency mode of this ResultSet object.

getConditionForKeyStroke(KeyStroke) - Method in class `javax.swing.JComponent`  
Returns the condition that determines whether a registered action occurs in response to the specified keystroke.

getConfigurations() - Method in class `java.awt.GraphicsDevice`  
Returns all of the GraphicsConfiguration objects associated with this GraphicsDevice.

getConnectControls() - Method in class `javax.naming.ldap.InitialLdapContext`

getConnectControls() - Method in interface `javax.naming.ldap.LdapContext`  
Retrieves the connection request controls in effect for this context.

getConnection() - Method in interface `java.sql.Statement`  
Returns the Connection object that produced this Statement object.

getConnection() - Method in interface `java.sql.DatabaseMetaData`  
Retrieves the connection that produced this metadata object.

getConnection(String) - Static method in class `java.sql.DriverManager`  
Attempts to establish a connection to the given database URL.

getConnection(String, Properties) - Static method in class `java.sql.DriverManager`  
Attempts to establish a connection to the given database URL.

getConnection(String, String, String) - Static method in class `java.sql.DriverManager`  
Attempts to establish a connection to the given database URL.

getConstraints(Component) - Method in class `java.awt.GridBagLayout`  
Gets the constraints for the specified component.

getConstructor(Class[]) - Method in class `java.lang.Class`  
Returns a Constructor object that reflects the specified public constructor of the class represented by this Class object.

getConstructors() - Method in class `java.lang.Class`  
Returns an array containing Constructor objects reflecting all the public constructors of the class represented by this Class object.

getContainer() - Method in class `java.awt.event.ContainerEvent`  
Returns the originator of the event.

getContainer() - Method in interface `java.beans.beancontext.BeanContextContainerProxy`  
Gets the java.awt.Container associated with this BeanContext.

getContainer() - Method in class `javax.swing.text.View`

- Fetches the container hosting the view.
- getContent() - Method in class [java.net.URLConnection](#)  
Retrieves the contents of this URL connection.
- getContent() - Method in class [java.net.URL](#)  
Returns the contents of this URL.
- getContent() - Method in class [javax.naming.RefAddr](#)  
Retrieves the contents of this address.
- getContent() - Method in class [javax.naming.BinaryRefAddr](#)  
Retrieves the contents of this address as an Object.
- getContent() - Method in class [javax.naming.StringRefAddr](#)  
Retrieves the contents of this address.
- getContent() - Method in class [javax.swing.text.AbstractDocument](#)  
Gets the content for the document.
- getContent() - Method in class [javax.swing.text.html.parser.Element](#)  
Get content model
- getContent(Class[]) - Method in class [java.net.URLConnection](#)  
Retrieves the contents of this URL connection.
- getContent(Class[]) - Method in class [java.net.URL](#)  
Returns the contents of this URL.
- getContentURLConnection() - Method in class [java.net.ContentHandler](#)  
Given a URL connect stream positioned at the beginning of the representation of an object, this method reads that stream and creates an object from it.
- getContentURLConnection(Class[]) - Method in class [java.net.ContentHandler](#)  
Given a URL connect stream positioned at the beginning of the representation of an object, this method reads that stream and creates an object that matches one of the types specified.
- getContentBorderInsets(int) - Method in class [javax.swing.plaf.basic.BasicTabbedPaneUI](#)
- getContentEncoding() - Method in class [java.net.URLConnection](#)  
Returns the value of the content-encoding header field.
- getContentLength() - Method in class [java.net.URLConnection](#)  
Returns the value of the content-length header field.
- getContentPane() - Method in class [javax.swing.JFrame](#)  
Returns the Container which is the contentPane for this window.
- getContentPane() - Method in class [javax.swing.JApplet](#)  
Returns the contentPane object for this applet.
- getContentPane() - Method in class [javax.swing.JInternalFrame](#)
- getContentPane() - Method in class [javax.swing.JFrame](#)  
Returns the contentPane object for this frame.
- getContentPane() - Method in interface [javax.swing.RootPaneContainer](#)  
Returns the contentPane.
- getContentPane() - Method in class [javax.swing.JRootPane](#)  
Returns the content pane -- the container that holds the components parented by the root pane.
- getContentPane() - Method in class [javax.swing.JDialog](#)  
Returns the contentPane object for this dialog.
- getContents() - Method in class [java.util.ListResourceBundle](#)  
See class description.

getContents() - Method in class javax.accessibility.AccessibleResourceBundle

Deprecated. Returns the mapping between the programmatic keys and the localized display strings.

getContents(Object) - Method in class java.awt.datatransfer.Clipboard

Returns a transferable object representing the current contents of the clipboard.

getContentType() - Method in class java.net.URLConnection

Returns the value of the content-type header field.

getContentType() - Method in class javax.swing.JEditorPane

Gets the type of content that this editor is currently set to deal with.

getContentType() - Method in class javax.swing.text.EditorKit

Gets the MIME type of the data that this kit represents support for.

getContentType() - Method in class javax.swing.text.DefaultEditorKit

Gets the MIME type of the data that this kit represents support for.

getContentType() - Method in class javax.swing.text.html.HTMLEditorKit

Get the MIME type of the data that this kit represents support for.

getContentType() - Method in class javax.swing.text.rtf.RTFEditorKit

Get the MIME type of the data that this kit represents support for.

getContentTypeFor(String) - Method in interface java.net.FileNameMap

Gets the MIME type for the specified file name.

getContext() - Static method in class java.security.AccessController

This method takes a "snapshot" of the current calling context, which includes the current Thread's inherited AccessControlContext, and places it in an AccessControlContext object.

getContextClassLoader() - Method in class java.lang.Thread

Returns the context ClassLoader for this Thread.

getContinuationContext(CannotProceedException) - Static method in class javax.naming.spi.NamingManager

Creates a context in which to continue a context operation.

getContinuationDirContext(CannotProceedException) - Static method in class

javax.naming.spi.DirectoryManager

Creates a context in which to continue a DirContext operation.

getControl() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControl() - Method in class javax.swing.plaf.metal.MetalTheme

getControl(Control.Type) - Method in interface javax.sound.sampled.Line

Obtains a control of the specified type, if there is any.

getControlButtonsAreShown() - Method in class javax.swing.JFileChooser

Returns a boolean indicating whether the accept and cancel buttons are shown in the file chooser.

getControlDarkShadow() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlDarkShadow() - Method in class javax.swing.plaf.metal.MetalTheme

getControlDisabled() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlDisabled() - Method in class javax.swing.plaf.metal.MetalTheme

getControlHighlight() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlHighlight() - Method in class javax.swing.plaf.metal.MetalTheme

getControlInfo() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlInfo() - Method in class javax.swing.plaf.metal.MetalTheme

getControlInstance(Control) - Method in class javax.naming.ldap.ControlFactory

Creates a control using this control factory.

getControlInstance(Control, Context, Hashtable) - Static method in class javax.naming.ldap.ControlFactory

Creates a control using known control factories.

getController(int) - Method in interface javax.sound.midi.MidiChannel

Obtains the current value of the specified controller.

getControlObject() - Method in interface java.awt.im.spi.InputMethod

Returns a control object from this input method, or null.

getControls() - Method in interface javax.sound.sampled.Line

Obtains the set of controls associated with this line.

getControls() - Method in interface javax.naming.ldap.HasControls

Retrieves an array of Controls from the object that implements this interface.

getControlShadow() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlShadow() - Method in class javax.swing.plaf.metal.MetalTheme

getControlSize() - Method in class javax.swing.plaf.metal.MetalCheckBoxIcon

getControlTextColor() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlTextColor() - Method in class javax.swing.plaf.metal.MetalTheme

getControlTextFont() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getControlTextFont() - Method in class javax.swing.plaf.metal.MetalTheme

getControlTextFont() - Method in class javax.swing.plaf.metal.DefaultMetalTheme

getCopies() - Method in class java.awt.JobAttributes

Returns the number of copies the application should render for jobs using these attributes.

getCopies() - Method in class java.awt.print.PrinterJob

Gets the number of copies to be printed.

getCorner(String) - Method in class javax.swing.ScrollPaneLayout

Returns the Component at the specified corner.

getCorner(String) - Method in class javax.swing.JScrollPane

Returns the component at the specified corner.

getCountLimit() - Method in class javax.naming.directory.SearchControls

Retrieves the maximum number of entries that will be returned as a result of the search.

getCountry() - Method in class java.util.Locale

Returns the country/region code for this locale, which will either be the empty string or an uppercase ISO 3166 2-letter code.

getCrc() - Method in class java.util.zip.ZipEntry

Returns the CRC-32 checksum of the uncompressed entry data, or -1 if not known.

getCreationDate(String) - Method in class java.security.KeyStore

Returns the creation date of the entry identified by the given alias.

getCriticalExtensionOIDs() - Method in interface java.security.cert.X509Extension

Gets a Set of the OID strings for the extension(s) marked CRITICAL in the certificate/CRL managed by the object implementing this interface.

getCrossPlatformLookAndFeelClassName() - Static method in class javax.swing.UIManager

Returns the name of the LookAndFeel class that implements the default cross platform look and feel -- the Java Look and Feel (JLF).

getCrossReference(String, String, String, String, String, String) - Method in interface java.sql.DatabaseMetaData

Gets a description of the foreign key columns in the foreign key table that reference the primary key columns of the primary key table (describe how one table imports another's key.) This should normally return a single foreign key/primary key pair (most tables only import a foreign key from a table once.) They are ordered by FKTABLE\_CAT, FKTABLE\_SCHEM, FKTABLE\_NAME, and KEY\_SEQ.

getCrtCoefficient() - Method in interface java.security.interfaces.RSAPrivateCrtKey

Returns the crtCoefficient.

getCrtCoefficient() - Method in class java.security.spec.RSAPrivateCrtKeySpec

Returns the crtCoefficient.

getCtrlP1() - Method in class java.awt.geom.CubicCurve2D

Returns the first control point.

getCtrlP1() - Method in class java.awt.geom.CubicCurve2D.Float

Returns the first control point.

getCtrlP1() - Method in class java.awt.geom.CubicCurve2D.Double

Returns the first control point.

getCtrlP2() - Method in class java.awt.geom.CubicCurve2D

Returns the second control point.

getCtrlP2() - Method in class java.awt.geom.CubicCurve2D.Float

Returns the second control point.

getCtrlP2() - Method in class java.awt.geom.CubicCurve2D.Double

Returns the second control point.

getCtrlPt() - Method in class java.awt.geom.QuadCurve2D

Returns the control point.

getCtrlPt() - Method in class java.awt.geom.QuadCurve2D.Float

Returns the control point.

getCtrlPt() - Method in class java.awt.geom.QuadCurve2D.Double

Returns the control point.

getCtrlX() - Method in class java.awt.geom.QuadCurve2D

Returns the x coordinate of the control point in double precision.

getCtrlX() - Method in class java.awt.geom.QuadCurve2D.Float

Returns the x coordinate of the control point in double precision.

getCtrlX() - Method in class java.awt.geom.QuadCurve2D.Double

Returns the x coordinate of the control point in double precision.

getCtrlX1() - Method in class java.awt.geom.CubicCurve2D

Returns the X coordinate of the first control point in double precision.

getCtrlX1() - Method in class java.awt.geom.CubicCurve2D.Float

Returns the X coordinate of the first control point in double precision.

getCtrlX1() - Method in class `java.awt.geom.CubicCurve2D.Double`

Returns the X coordinate of the first control point in double precision.

getCtrlX2() - Method in class `java.awt.geom.CubicCurve2D`

Returns the X coordinate of the second control point in double precision.

getCtrlX2() - Method in class `java.awt.geom.CubicCurve2D.Float`

Returns the X coordinate of the second control point in double precision.

getCtrlX2() - Method in class `java.awt.geom.CubicCurve2D.Double`

Returns the X coordinate of the second control point in double precision.

getCtrlY() - Method in class `java.awt.geom.QuadCurve2D`

Returns the y coordinate of the control point in double precision.

getCtrlY() - Method in class `java.awt.geom.QuadCurve2D.Float`

Returns the y coordinate of the control point in double precision.

getCtrlY() - Method in class `java.awt.geom.QuadCurve2D.Double`

Returns the y coordinate of the control point in double precision.

getCtrlY1() - Method in class `java.awt.geom.CubicCurve2D`

Returns the Y coordinate of the first control point in double precision.

getCtrlY1() - Method in class `java.awt.geom.CubicCurve2D.Float`

Returns the Y coordinate of the first control point in double precision.

getCtrlY1() - Method in class `java.awt.geom.CubicCurve2D.Double`

Returns the Y coordinate of the first control point in double precision.

getCtrlY2() - Method in class `java.awt.geom.CubicCurve2D`

Returns the Y coordinate of the second control point in double precision.

getCtrlY2() - Method in class `java.awt.geom.CubicCurve2D.Float`

Returns the Y coordinate of the second control point in double precision.

getCtrlY2() - Method in class `java.awt.geom.CubicCurve2D.Double`

Returns the Y coordinate of the second control point in double precision.

getCurrencyInstance() - Static method in class `java.text.NumberFormat`

Returns a currency format for the current default locale.

getCurrencyInstance(Locale) - Static method in class `java.text.NumberFormat`

Returns a currency format for the specified locale.

getCurrencySymbol() - Method in class `java.text.DecimalFormatSymbols`

Return the string denoting the local currency.

getCurrent() - Method in class `java.awt.CheckboxGroup`

Deprecated. As of JDK version 1.1, replaced by `getSelectedCheckbox()`.

getCurrentAccessibleValue() - Method in class `java.awt.Scrollbar.AccessibleAWTScrollBar`

Get the accessible value of this object.

getCurrentAccessibleValue() - Method in class `java.awt.MenuItem.AccessibleAWTMenuItem`

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class `java.awt.Checkbox.AccessibleAWTCheckbox`

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class `java.awt.Button.AccessibleAWTButton`

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class `java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem`

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in interface `javax.accessibility.AccessibleValue`

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class javax.swing.JInternalFrame.AccessibleJInternalFrame

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class javax.swing.JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon

Get the value of this object as a Number.

getCurrentAccessibleValue() - Method in class javax.swing.JSplitPane.AccessibleJSplitPane

Gets the accessible value of this object.

getCurrentAccessibleValue() - Method in class javax.swing.JScrollBar.AccessibleJScrollBar

Get the accessible value of this object.

getCurrentAccessibleValue() - Method in class javax.swing.JProgressBar.AccessibleJProgressBar

Get the accessible value of this object.

getCurrentAccessibleValue() - Method in class javax.swing.JSlider.AccessibleJSlider

Get the accessible value of this object.

getCurrentDataFlavors() - Method in class java.awt.dnd.DropTargetContext

get the available DataFlavors of the Transferable operand of this operation.

getCurrentDataFlavors() - Method in class java.awt.dnd.DropTargetDropEvent

This method returns the current DataFlavors.

getCurrentDataFlavors() - Method in class java.awt.dnd.DropTargetDragEvent

This method returns the current DataFlavors from the DropTargetContext.

getCurrentDataFlavorsAsList() - Method in class java.awt.dnd.DropTargetContext

This method returns the currently available DataFlavors of the Transferable operand as a java.util.List.

getCurrentDataFlavorsAsList() - Method in class java.awt.dnd.DropTargetDropEvent

This method returns the currently available DataFlavors as a java.util.List.

getCurrentDataFlavorsAsList() - Method in class java.awt.dnd.DropTargetDragEvent

This method returns the current DataFlavors as a java.util.List

getCurrentDirectory() - Method in class javax.swing.JFileChooser

Returns the current directory.

getCurrentLine() - Method in class javax.swing.text.html.parser.Parser

getCurrentLineLength() - Method in class javax.swing.text.AbstractWriter

Returns the current line length.

getCurrentManager() - Static method in class javax.swing.FocusManager

Return the FocusManager for the calling thread There is one FocusManager per thread group

getCurrentPoint() - Method in class java.awt.geom.GeneralPath

Returns the coordinates most recently added to the end of the path as a Point2D object.

getCurrentPos() - Method in class javax.swing.text.html.parser.Parser

getCurrentServiceClasses() - Method in class java.beans.beancontext.BeanContextServicesSupport

getCurrentServiceClasses() - Method in interface java.beans.beancontext.BeanContextServices

Gets the currently available services for this context.

getCurrentServiceSelectors() - Method in class java.beans.beancontext.BeanContextServiceAvailableEvent

Gets the list of service dependent selectors.

getCurrentServiceSelectors(BeanContextServices, Class) - Method in class

java.beans.beancontext.BeanContextServicesSupport.BCSSProxyServiceProvider

getCurrentServiceSelectors(BeanContextServices, Class) - Method in interface

java.beans.beancontext.BeanContextServiceProvider

Invoked by BeanContextServices, this method gets the current service selectors for the specified service.

getCurrentServiceSelectors(Class) - Method in class java.beans.beancontext.BeanContextServicesSupport

getCurrentServiceSelectors(Class) - Method in interface java.beans.beancontext.BeanContextServices

Gets the list of service dependent service parameters (Service Selectors) for the specified service, by calling getCurrentServiceSelectors() on the underlying BeanContextServiceProvider.

getCurrentWriter() - Method in class javax.swing.text.AbstractDocument

Fetches the current writing thread if there is one.

getCursor() - Method in class java.awt.Component

Gets the cursor set in the component.

getCursor() - Method in class java.awt.Component.AccessibleAWTComponent

Get the Cursor of this object.

getCursor() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent

Get the Cursor of this object.

getCursor() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild

Get the Cursor of this object.

getCursor() - Method in class java.awt.dnd.DragSourceContext

This method returns the current drag Cursor.

getCursor() - Method in interface javax.accessibility.AccessibleComponent

Gets the Cursor of this object.

getCursor() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getCursor() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

getCursor() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

Gets the Cursor of this object.

getCursor() - Method in class

javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getCursorName() - Method in interface java.sql.ResultSet

Gets the name of the SQL cursor used by this ResultSet object.

getCursorType() - Method in class java.awt.Frame

Deprecated. As of JDK version 1.1, replaced by Component.setCursor().

getCustomEditor() - Method in interface java.beans.PropertyEditor

A PropertyEditor may choose to make available a full custom Component that edits its property value.

getCustomEditor() - Method in class java.beans.PropertyEditorSupport

A PropertyEditor may choose to make available a full custom Component that edits its property value.

getCustomizerClass() - Method in class java.beans.BeanDescriptor

Gets the Class object for the bean's customizer.

getDashArray() - Method in class java.awt.BasicStroke

Returns the array representing the lengths of the dash segments.

getDashPhase() - Method in class java.awt.BasicStroke

- Returns the current dash phase.
- getData() - Method in class java.awt.color.ICC\_Profile  
Returns a byte array corresponding to the data of this ICC\_Profile.
- getData() - Method in class java.awt.image.DataBufferUShort  
Returns the default (first) unsigned-short data array.
- getData() - Method in interface java.awt.image.RenderedImage  
Returns the image as one large tile (for tile based images this will require fetching the whole image and copying the image data over).
- getData() - Method in class java.awt.image BufferedImage  
Returns the image as one large tile.
- getData() - Method in class java.awt.image.DataBufferByte  
Returns the default (first) byte data array.
- getData() - Method in class java.awt.image.DataBufferInt  
Returns the default (first) int data array in DataBuffer.
- getData() - Method in class java.awt.image.DataBufferShort  
Returns the default (first) byte data array.
- getData() - Method in class java.net DatagramPacket  
Returns the data received or the data to be sent.
- getData() - Method in class java.rmi.activation ActivationGroupDesc  
Returns the group's initialization data.
- getData() - Method in class java.rmi.activation ActivationDesc  
Returns a "marshalled object" containing intialization/activation data for the object specified by this descriptor.
- getData() - Method in class javax.sound.midi SysexMessage  
Obtains a copy of the data for the system exclusive message.
- getData() - Method in class javax.sound.midi MetaMessage  
Obtains a copy of the data for the meta message.
- getData() - Method in class javax.sound.midi SoundbankResource  
Obtains the sampled audio that is stored in this SoundbankResource.
- getData() - Method in class javax.swing.text.html.parser Entity  
Return the data.
- getData(int) - Method in class java.awt.color.ICC\_Profile  
Returns a particular tagged data element from the profile as a byte array.
- getData(int) - Method in class java.awt.image.DataBufferUShort  
Returns the data array for the specified bank.
- getData(int) - Method in class java.awt.image.DataBufferByte  
Returns the data array for the specified bank.
- getData(int) - Method in class java.awt.image.DataBufferInt  
Returns the data array for the specified bank.
- getData(int) - Method in class java.awt.image.DataBufferShort  
Returns the data array for the specified bank.
- getData(Rectangle) - Method in interface java.awt.image.RenderedImage  
Computes and returns an arbitrary region of the RenderedImage.
- getData(Rectangle) - Method in class java.awt.image BufferedImage  
Computes and returns an arbitrary region of the BufferedImage.
- getData1() - Method in class javax.sound.midi ShortMessage  
Obtains the first data byte in the message.

getData2() - Method in class javax.sound.midi.ShortMessage

    Obtains the second data byte in the message.

getDatabaseProductName() - Method in interface java.sql.DatabaseMetaData

    What's the name of this database product?

getDatabaseProductVersion() - Method in interface java.sql.DatabaseMetaData

    What's the version of this database product?

getDataBitOffset() - Method in class java.awt.image.MultiPixelPackedSampleModel

    Returns the data bit offset in bits.

getDataBuffer() - Method in class java.awt.image.Raster

    Returns the DataBuffer associated with this Raster.

getDataClass() - Method in class javax.sound.midi.SoundbankResource

    Obtains the class used by this sample to represent its data.

getDataElement(int[], int) - Method in class java.awt.image.ColorModel

    Returns a pixel value represented as an int in this ColorModel, given an array of unnormalized color/alpha components.

getDataElement(int[], int) - Method in class java.awt.image.ComponentColorModel

    Returns a pixel value represented as an int in this ColorModel, given an array of unnormalized color/alpha components.

getDataElement(int[], int) - Method in class java.awt.image.DirectColorModel

    Returns a pixel value represented as an int in this ColorModel, given an array of unnormalized color/alpha components.

getDataElement(int[], int) - Method in class java.awt.image.IndexColorModel

    Returns a pixel value represented as an int in this ColorModel given an array of unnormalized color/alpha components.

getDataElements(int[], int, Object) - Method in class java.awt.image.ColorModel

    Returns a data element array representation of a pixel in this ColorModel, given an array of unnormalized color/alpha components.

getDataElements(int[], int, Object) - Method in class java.awt.image.ComponentColorModel

    Returns a data element array representation of a pixel in this ColorModel, given an array of unnormalized color/alpha components.

getDataElements(int[], int, Object) - Method in class java.awt.image.DirectColorModel

    Returns a data element array representation of a pixel in this ColorModel, given an array of unnormalized color/alpha components.

getDataElements(int[], int, Object) - Method in class java.awt.image.IndexColorModel

    Returns a data element array representation of a pixel in this ColorModel given an array of unnormalized color/alpha components.

getDataElements(int, int, int, int, Object) - Method in class java.awt.image.Raster

    Returns the pixel data for the specified rectangle of pixels in a primitive array of type TransferType.

getDataElements(int, int, int, int, Object, DataBuffer) - Method in class java.awt.image.SampleModel

    Returns the pixel data for the specified rectangle of pixels in a primitive array of type TransferType.

getDataElements(int, int, Object) - Method in class java.awt.image.Raster

    Returns data for a single pixel in a primitive array of type TransferType.

getDataElements(int, int, Object, DataBuffer) - Method in class java.awt.image.SampleModel

    Returns data for a single pixel in a primitive array of type TransferType.

getDataElements(int, int, Object, DataBuffer) - Method in class java.awt.image.ComponentSampleModel

    Returns data for a single pixel in a primitive array of type TransferType.

getDataElements(int, int, Object, DataBuffer) - Method in class java.awt.image.BandedSampleModel

Returns data for a single pixel in a primitive array of type TransferType.  
[getElements\(int, int, Object, DataBuffer\)](#) - Method in class  
[java.awt.image.MultiPixelPackedSampleModel](#)

Returns data for a single pixel in a primitive array of type TransferType.  
[getElements\(int, int, Object, DataBuffer\)](#) - Method in class  
[java.awt.image.SinglePixelPackedSampleModel](#)

Returns data for a single pixel in a primitive array of type TransferType.  
[getElements\(int, Object\)](#) - Method in class [java.awt.image.ColorModel](#)

Returns a data element array representation of a pixel in this ColorModel, given an integer pixel representation in the default RGB color model.  
[getElements\(int, Object\)](#) - Method in class [java.awt.image.ComponentColorModel](#)

Returns a data element array representation of a pixel in this ColorModel, given an integer pixel representation in the default RGB color model.  
[getElements\(int, Object\)](#) - Method in class [java.awt.image.DirectColorModel](#)

Returns a data element array representation of a pixel in this ColorModel, given an integer pixel representation in the default RGB color model.  
[getElements\(int, Object\)](#) - Method in class [java.awt.image.IndexColorModel](#)

Returns a data element array representation of a pixel in this ColorModel, given an integer pixel representation in the default RGB color model.  
[getDataLength\(int\)](#) - Method in class [javax.sound.midi.ShortMessage](#)

Retrieves the number of data bytes associated with a particular status byte value.  
[getDataSize\(\)](#) - Method in class [java.sql.DataTruncation](#)

Gets the number of bytes of data that should have been transferred.  
[getDataType\(\)](#) - Method in class [java.awt.image.SampleModel](#)

Returns the data type of the DataBuffer storing the pixel data.  
[getDataType\(\)](#) - Method in class [java.awt.image.DataBuffer](#)

Returns the data type of this DataBuffer.  
[getDataTypeSize\(int\)](#) - Static method in class [java.awt.image.DataBuffer](#)

Returns the size (in bits) of the data type, given a datatype tag.  
[getDataVector\(\)](#) - Method in class [javax.swing.table.DefaultTableModel](#)

Returns the Vector of Vectors that contains the table's data values.

[getDate\(\)](#) - Method in class [java.net.URLConnection](#)

Returns the value of the date header field.

[getDate\(\)](#) - Method in class [java.sql.Time](#)

Deprecated.

[getDate\(\)](#) - Method in class [java.util.Date](#)

Deprecated. As of JDK version 1.1, replaced by [Calendar.get\(Calendar.DAY\\_OF\\_MONTH\)](#).

[getDate\(int\)](#) - Method in interface [java.sql.CallableStatement](#)

Gets the value of a JDBC DATE parameter as a [java.sql.Date](#) object.

[getDate\(int\)](#) - Method in interface [java.sql.ResultSet](#)

Gets the value of the designated column in the current row of this ResultSet object as a [java.sql.Date](#) object in the Java programming language.

[getDate\(int, Calendar\)](#) - Method in interface [java.sql.CallableStatement](#)

Gets the value of a JDBC DATE parameter as a [java.sql.Date](#) object, using the given [Calendar](#) object to construct the date.

[getDate\(int, Calendar\)](#) - Method in interface [java.sql.ResultSet](#)

Returns the value of the designated column in the current row of this ResultSet object as a

`java.sql.Date` object in the Java programming language.

[getDate\(String\)](#) - Method in interface `java.sql.ResultSet`

Gets the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Date` object in the Java programming language.

[getDate\(String, Calendar\)](#) - Method in interface `java.sql.ResultSet`

Returns the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Date` object in the Java programming language.

[getDateFormatSymbols\(\)](#) - Method in class `java.text.SimpleDateFormat`

Gets the date/time formatting data.

[getDateInstance\(\)](#) - Static method in class `java.text.DateFormat`

Gets the date formatter with the default formatting style for the default locale.

[getDateInstance\(int\)](#) - Static method in class `java.text.DateFormat`

Gets the date formatter with the given formatting style for the default locale.

[getDateInstance\(int, Locale\)](#) - Static method in class `java.text.DateFormat`

Gets the date formatter with the given formatting style for the given locale.

[getTimeInstance\(\)](#) - Static method in class `java.text.DateFormat`

Gets the date/time formatter with the default formatting style for the default locale.

[getTimeInstance\(int, int\)](#) - Static method in class `java.text.DateFormat`

Gets the date/time formatter with the given date and time formatting styles for the default locale.

[getTimeInstance\(int, int, Locale\)](#) - Static method in class `java.text.DateFormat`

Gets the date/time formatter with the given formatting styles for the given locale.

[getDay\(\)](#) - Method in class `java.sql.Time`

Deprecated.

[getDay\(\)](#) - Method in class `java.util.Date`

Deprecated. As of JDK version 1.1, replaced by `Calendar.get(Calendar.DAY_OF_WEEK)`.

[getDebugGraphicsOptions\(\)](#) - Method in class `javax.swing.JComponent`

Returns the state of graphics debugging.

[getDebugOptions\(\)](#) - Method in class `javax.swing.DebugGraphics`

Returns the current debugging options for this `DebugGraphics`.

[getDecayTime\(\)](#) - Method in class `javax.sound.sampled.ReverbType`

Obtains the decay time, which is the amount of time over which the late reflections attenuate to effective zero.

[getDecimalFormatSymbols\(\)](#) - Method in class `java.text.DecimalFormat`

Returns the decimal format symbols, which is generally not changed by the programmer or user.

[getDecimalSeparator\(\)](#) - Method in class `java.text.DecimalFormatSymbols`

Gets the character used for decimal sign.

[getDeclaration\(String\)](#) - Method in class `javax.swing.text.html.StyleSheet`

Translates a CSS declaration to an `AttributeSet` that represents the CSS declaration.

[getDeclaredClasses\(\)](#) - Method in class `java.lang.Class`

Returns an array of `Class` objects reflecting all the classes and interfaces declared as members of the class represented by this `Class` object.

[getDeclaredConstructor\(Class\[\]\)](#) - Method in class `java.lang.Class`

Returns a `Constructor` object that reflects the specified constructor of the class or interface represented by this `Class` object.

[getDeclaredConstructors\(\)](#) - Method in class `java.lang.Class`

Returns an array of `Constructor` objects reflecting all the constructors declared by the class represented by this `Class` object.

getDeclaredField(String) - Method in class `java.lang.Class`

Returns a `Field` object that reflects the specified declared field of the class or interface represented by this `Class` object.

getDeclaredFields() - Method in class `java.lang.Class`

Returns an array of `Field` objects reflecting all the fields declared by the class or interface represented by this `Class` object.

getDeclaredMethod(String, Class[]) - Method in class `java.lang.Class`

Returns a `Method` object that reflects the specified declared method of the class or interface represented by this `Class` object.

getDeclaredMethods() - Method in class `java.lang.Class`

Returns an array of `Method` objects reflecting all the methods declared by the class or interface represented by this `Class` object.

getDeclaringClass() - Method in class `java.lang.Class`

If the class or interface represented by this `Class` object is a member of another class, returns the `Class` object representing the class in which it was declared.

getDeclaringClass() - Method in interface `java.lang.reflect.Member`

Returns the `Class` object representing the class or interface that declares the member or constructor represented by this `Member`.

getDeclaringClass() - Method in class `java.lang.reflect.Method`

Returns the `Class` object representing the class or interface that declares the method represented by this `Method` object.

getDeclaringClass() - Method in class `java.lang.reflect.Field`

Returns the `Class` object representing the class or interface that declares the field represented by this `Field` object.

getDeclaringClass() - Method in class `java.lang.reflect.Constructor`

Returns the `Class` object representing the class that declares the constructor represented by this `Constructor` object.

getDecomposition() - Method in class `java.text.Collator`

Get the decomposition mode of this `Collator`.

getDeepestComponentAt(Component, int, int) - Static method in class `javax.swing.SwingUtilities`

Returns the deepest visible descendent `Component` of `parent` that contains the location `x, y`.

getDefault() - Static method in class `java.util.TimeZone`

Gets the default `TimeZone` for this host.

getDefault() - Static method in class `java.util.Locale`

Gets the current value of the default locale for this instance of the Java Virtual Machine.

getDefaultAction() - Method in interface `javax.swing.text.Keymap`

Fetches the default action to fire if a key is typed (i.e.

getDefaultActions() - Method in class `java.awt.dnd.DropTarget`

This method returns an `int` representing the current action(s) supported by this `DropTarget`.

getDefaultAllowUserInteraction() - Static method in class `java.net.URLConnection`

Returns the default value of the `allowUserInteraction` field.

getDefaultCloseOperation() - Method in class `javax.swing.JRootPane`

Returns the current default button for this `JRootPane`.

getDefaultValueChooserPanels() - Static method in class `javax.swing.colorchooser.ColorChooserComponentFactory`

getDefaultValueClosedIcon() - Method in class `javax.swing.tree.DefaultTreeCellRenderer`

Returns the default icon, for the current laf, that is used to represent non-leaf nodes that are not

expanded.

[getDefaultCloseOperation\(\)](#) - Method in class [javax.swing.JInternalFrame](#)

Returns the default operation which occurs when the user initiates a "close" on this window.

[getDefaultCloseOperation\(\)](#) - Method in class [javax.swing.JFrame](#)

Returns the operation that occurs when the user initiates a "close" on this frame.

[getDefaultCloseOperation\(\)](#) - Method in class [javax.swing.JDialog](#)

Returns the operation which occurs when the user initiates a "close" on this dialog.

[getDefauleConfiguration\(\)](#) - Method in class [java.awt.GraphicsDevice](#)

Returns the default GraphicsConfiguration associated with this GraphicsDevice.

[getDefauleCursor\(\)](#) - Static method in class [java.awt.Cursor](#)

Return the system default cursor.

[getDefauleCursor\(\)](#) - Method in class [javax.swing.text.html.HTMLEditorKit](#)

Returns the default cursor.

[getDefauleDragSource\(\)](#) - Static method in class [java.awt.dnd.DragSource](#)

This method returns the DragSource object associated with the underlying platform.

[getDefauleEditor\(Class\)](#) - Method in class [javax.swing.JTable](#)

Returns the editor to be used when no editor has been set in a TableColumn.

[getDefauleEventIndex\(\)](#) - Method in interface [java.beans.BeanInfo](#)

A bean may have a "default" event that is the event that will mostly commonly be used by humans when using the bean.

[getDefauleEventIndex\(\)](#) - Method in class [java.beans.SimpleBeanInfo](#)

Deny knowledge of a default event.

[getDefauleFlavorMap\(\)](#) - Static method in class [java.awt.datatransfer.SystemFlavorMap](#)

get the default system implementation

[getDefauleIcon\(\)](#) - Method in class [javax.swing.plaf.basic.BasicRadioButtonUI](#)

[getDefauleInitCtx\(\)](#) - Method in class [javax.naming.InitialContext](#)

Retrieves the initial context by calling `NamingManager.getInitialContext()` and cache it in defaultInitCtx.

[getDefauleLeafIcon\(\)](#) - Method in class [javax.swing.tree.DefaultTreeCellRenderer](#)

Returns the default icon, for the current laf, that is used to represent leaf nodes.

[getDefauleLightWeightPopupEnabled\(\)](#) - Static method in class [javax.swing.JPopupMenu](#)

Returns true if this is a light weight popup component, false otherwise.

[getDefauleOpenIcon\(\)](#) - Method in class [javax.swing.tree.DefaultTreeCellRenderer](#)

Returns the default icon, for the current laf, that is used to represent non-leaf nodes that are expanded.

[getDefaulePort\(\)](#) - Method in class [java.net.URLStreamHandler](#)

Returns the default port for a URL parsed by this handler.

[getDefaulePropertyIndex\(\)](#) - Method in interface [java.beans.BeanInfo](#)

A bean may have a "default" property that is the property that will mostly commonly be initially chosen for update by human's who are customizing the bean.

[getDefaulePropertyIndex\(\)](#) - Method in class [java.beans.SimpleBeanInfo](#)

Deny knowledge of a default property.

[getDefauleQueue\(\)](#) - Static method in class [javax.swing.text.LayoutQueue](#)

Fetch the default layout queue.

[getDefauleRenderer\(\)](#) - Method in class [javax.swing.table.JTableHeader](#)

Returns the default renderer used when no headerRenderer is defined by a TableColumn.

[getDefauleRenderer\(Class\)](#) - Method in class [javax.swing.JTable](#)

Returns the cell renderer to be used when no renderer has been set in a TableColumn.

getDefaultValueRepresentationClass() - Method in class java.awt.datatransfer.DataFlavor

getDefaultValueRepresentationClassAsString() - Method in class java.awt.datatransfer.DataFlavor

getDefaultValueRequestProperty(String) - Static method in class java.net.URLConnection

Deprecated. *The instance specific getRequestProperty method should be used after an appropriate instance of URLConnection is obtained.*

getDefaultValueRootElement() - Method in interface javax.swing.text.Document

Returns the root element that views should be based upon, unless some other mechanism for assigning views to element structures is provided.

getDefaultValueRootElement() - Method in class javax.swing.text.AbstractDocument

Returns the root element that views should be based upon unless some other mechanism for assigning views to element structures is provided.

getDefaultValueRootElement() - Method in class javax.swing.text.PlainDocument

Gets the default root element for the document model.

getDefaultValueRootElement() - Method in class javax.swing.text.DefaultStyledDocument

Gets the default root element.

getDefaults() - Method in class javax.swing.LookAndFeel

This method is called once by UIManager.setLookAndFeel to create the look and feel specific defaults table.

getDefaults() - Static method in class javax.swing.UIManager

Returns the default values for this look and feel.

getDefaults() - Method in class javax.swing.plaf.basic.BasicLookAndFeel

getDefaults() - Method in class javax.swing.plaf.metal.MetalLookAndFeel

getDefaults() - Method in class javax.swing.plaf.multi.MultiLookAndFeel

getDefaultValueScreenDevice() - Method in class java.awt.GraphicsEnvironment

Returns the default screen GraphicsDevice.

getDefaultValueSelection() - Method in class java.awt.JobAttributes

Specifies whether, for jobs using these attributes, the application should print all pages, the range specified by the return value of getPageRanges, or the current selection.

getDefaultValueSize() - Method in class javax.swing.plaf.basic.BasicComboBoxUI

Return the default size of an empty combo box.

getDefaultValueSocketFactory() - Static method in class java.rmi.server.RMISocketFactory

Returns a reference to the default socket factory used by this RMI implementation.

getDefaultValueSoundbank() - Method in interface javax.sound.midi.Synthesizer

Obtains the default soundbank for the synthesizer, if one exists.

getDefaultValueStream() - Static method in class java.rmi.server.LogStream

Deprecated. *no replacement*

getDefaultValueStyleContext() - Static method in class javax.swing.text.StyleContext

Returns default AttributeContext shared by all documents that don't bother to define/supply their own context.

getDefaultValueTextIconGap(AbstractButton) - Method in class javax.swing.plaf.basic.BasicButtonUI

getDefa~~lt~~Toolkit() - Static method in class `java.awt.Toolkit`

Gets the default toolkit.

getDefa~~lt~~TransactionIsolation() - Method in interface `java.sql.DatabaseMetaData`

What's the database's default transaction isolation level? The values are defined in `java.sql.Connection`.

getDefa~~lt~~Transform() - Method in class `java.awt.GraphicsConfiguration`

Returns the default AffineTransform for this `GraphicsConfiguration`.

getDefa~~lt~~TreeModel() - Static method in class `javax.swing.JTree`

Creates and returns a sample `TreeModel`.

getDefa~~lt~~Type() - Static method in class `java.security.KeyStore`

Returns the default keystore type as specified in the Java security properties file, or the string "jks" (acronym for "Java keystore") if no such property exists.

getDefa~~lt~~UseCaches() - Method in class `java.net.URLConnection`

Returns the default value of a `URLConnection`'s `useCaches` flag.

getDefa~~lt~~Value() - Method in class `javax.swing.text.html.CSS.Attribute`

Fetch the default value for the attribute.

getDelay() - Method in class `javax.swing.JMenuItem`

Returns the suggested delay, in milliseconds, before submenus are popped up or down.

getDelay() - Method in class `javax.swing.Timer`

Returns the Timer's delay.

getDepth() - Method in class `javax.swing.tree.DefaultMutableTreeNode`

Returns the depth of the tree rooted at this node -- the longest distance from this node to a leaf.

getDerefLinkFlag() - Method in class `javax.naming.directory.SearchControls`

Determines whether links will be dereferenced during the search.

getDescendantToggledPaths(TreePath) - Method in class `javax.swing.JTree`

Returns an Enumeration of `TreePaths` that have been expanded that are descendants of `parent`.

getDescent() - Method in class `java.awt.FontMetrics`

Determines the *font descent* of the `Font` described by this `FontMetrics` object.

getDescent() - Method in class `java.awt.font.TextLayout`

Returns the descent of this `TextLayout`.

getDescent() - Method in class `java.awt.font.GraphicAttribute`

Returns the descent of this `GraphicAttribute`.

getDescent() - Method in class `java.awt.font.ImageGraphicAttribute`

Returns the descent of this `ImageGraphicAttribute`  
getDescent() - Method in class `java.awt.font.LineMetrics`

Returns the descent of the text.

getDescent() - Method in class `java.awt.font.ShapeGraphicAttribute`

Returns the descent of this `ShapeGraphicAttribute`.

getDescent(GlyphView) - Method in class `javax.swing.text.GlyphView.GlyphPainter`

getDescriptio~~n~~() - Method in class `javax.sound.sampled.Mixer.Info`

Obtains the description of the mixer.

getDescriptio~~n~~() - Method in interface `javax.sound.midi.Soundbank`

Obtains a textual description of the sound bank, suitable for display.

getDescriptio~~n~~() - Method in class `javax.sound.midi.MidiDevice.Info`

Obtains the description of the device.

getDescriptio~~n~~() - Method in class `javax.swing.LookAndFeel`

Return a one line description of this look and feel implementation, e.g.

getDescriptio~~n~~() - Method in class `javax.swing.ImageIcon`

Gets the description of the image.

[getDescription\(\)](#) - Method in class javax.swing.filechooser.FileFilter  
The description of this filter.

[getDescription\(\)](#) - Method in class javax.swing.event.HyperlinkEvent  
Get the description of the link as a string.

[getDescription\(\)](#) - Method in class javax.swing.plaf.basic.BasicFileChooserUI.AcceptAllFileFilter

[getDescription\(\)](#) - Method in class javax.swing.plaf.metal.MetalLookAndFeel

[getDescription\(\)](#) - Method in class javax.swing.plaf.multi.MultiLookAndFeel

[getDescription\(File\)](#) - Method in class javax.swing.JFileChooser  
Returns the file description.

[getDescription\(File\)](#) - Method in class javax.swing.filechooser.FileView  
A human readable description of the file.

[getDescription\(File\)](#) - Method in class javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView

[getDesignAxisDefaults\(\)](#) - Method in interface java.awt.font.MultipleMaster  
Returns an array of default design values for each axis.

[getDesignAxisNames\(\)](#) - Method in interface java.awt.font.MultipleMaster  
Returns the name for each design axis.

[getDesignAxisRanges\(\)](#) - Method in interface java.awt.font.MultipleMaster  
Returns an array of design limits interleaved in the form [from->to] for each axis.

[getDesktopColor\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

[getDesktopColor\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme

[getDesktopIcon\(\)](#) - Method in class javax.swing.JInternalFrame  
Returns the JDesktopIcon used when this JInternalFrame is iconified.

[getDesktopIconBorder\(\)](#) - Static method in class javax.swing.plaf.metal.MetalBorders  
Returns a border instance for a Desktop Icon

[getDesktopManager\(\)](#) - Method in class javax.swing.JDesktopPane  
Returns the DesktopManger that handles desktop-specific UI actions.

[getDesktopManager\(\)](#) - Method in class javax.swing.plaf.basic.BasicInternalFrameUI  
Returns the proper DesktopManager.

[getDesktopPane\(\)](#) - Method in class javax.swing.JInternalFrame  
Convenience method that searchs the ancestor heirarchy for a JDesktop instance.

[getDesktopPane\(\)](#) - Method in class javax.swing.JInternalFrame.JDesktopIcon  
Convience method to ask the icon for the Desktop object it belongs to.

[getDesktopPaneForComponent\(Component\)](#) - Static method in class javax.swing.JOptionPane  
Returns the specified component's desktop pane.

[getDesktopProperty\(String\)](#) - Method in class java.awt.Toolkit  
obtain a value for the specified desktop property.

[getDestination\(\)](#) - Method in class java.awt.JobAttributes  
Specifies whether output will be to a printer or a file for jobs using these attributes.

[getDeterminant\(\)](#) - Method in class java.awt.geom.AffineTransform  
Returns the determinant of the matrix representation of the transform.

[getDevice\(\)](#) - Method in class java.awt.GraphicsConfiguration  
Returns the GraphicsDevice associated with this GraphicsConfiguration.

[getDevice\(MidiDevice.Info\)](#) - Method in class javax.sound.midi.spi.MidiDeviceProvider  
Obtains an instance of the device represented by the info object.

[getDeviceConfiguration\(\)](#) - Method in class java.awt.Graphics2D  
Returns the device configuration associated with this Graphics2D.

[getDeviceInfo\(\)](#) - Method in interface javax.sound.midi.MidiDevice  
Obtains information about the device, including its Java class and Strings containing its name, vendor, and description.

[getDeviceInfo\(\)](#) - Method in class javax.sound.midi.spi.MidiDeviceProvider  
Obtains the set of info objects representing the device or devices provided by this

MidiDeviceProvider.

getDialog() - Method in class java.awt.JobAttributes  
Returns whether, for jobs using these attributes, the user should see a print dialog in which to modify the print settings, and which type of print dialog should be displayed.

getDialogTitle() - Method in class javax.swing.JFileChooser  
Gets the string that goes in the JFileChooser's titlebar.

getDialogTitle(JFileChooser) - Method in class javax.swing.plaf.FileChooserUI

getDialogTitle(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI  
Returns the title of this dialog

getDialogTitle(JFileChooser) - Method in class javax.swing.plaf.multi.MultiFileChooserUI  
Call getDialogTitle on each UI handled by this MultiUI.

getDialogType() - Method in class javax.swing.JFileChooser  
Returns the type of this dialog.

getDigestLength() - Method in class java.security.MessageDigest  
Returns the length of the digest in bytes, or 0 if this operation is not supported by the provider and the implementation is not cloneable.

getDigit() - Method in class java.text.DecimalFormatSymbols  
Gets the character used for a digit in a pattern.

getDimension(Object) - Method in class javax.swing.UIDefaults  
If the value of key is a Dimension return it, otherwise return null.

getDimension(Object) - Static method in class javax.swing.UIManager  
Returns a dimension from the defaults table.

getDirection() - Method in class javax.swing.text.DefaultStyledDocument.ElementSpec  
Gets the direction.

getDirection() - Method in class javax.swing.plaf.basic.BasicArrowButton

getDirectories() - Method in class javax.swing.plaf.basic.BasicDirectoryModel

getDirectory() - Method in class java.awt.FileDialog  
Gets the directory of this file dialog.

getDirectoryName() - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getDirectoryName() - Method in class javax.swing.plaf.metal.MetalFileChooserUI

getDirtyRegion(JComponent) - Method in class javax.swing.RepaintManager  
Return the current dirty region for a component.

getDisabledIcon() - Method in class javax.swing.AbstractButton  
Returns the icon used by the button when it's disabled.

getDisabledIcon() - Method in class javax.swing.JLabel  
Returns the value of the disabledIcon property if it's been set, If it hasn't been set and the value of the icon property is an ImageIcon, we compute a "grayed out" version of the icon and update the disabledIcon property with that.

getDisabledIconAt(int) - Method in class javax.swing.JTabbedPane  
Returns the tab disabled icon at index.

getDisabledSelectedIcon() - Method in class javax.swing.AbstractButton  
Returns the icon used by the button when it's disabled and selected.

getDisabledTextColor() - Method in class javax.swing.text.JTextComponent  
Fetches the current color used to render the selected text.

getDisabledTextColor() - Method in class javax.swing.plaf.metal.MetalToggleButtonUI

getDisabledTextColor() - Method in class javax.swing.plaf.metal.MetalRadioButtonUI

getDisabledTextColor() - Method in class javax.swing.plaf.metal.MetalButtonUI

getDismissDelay() - Method in class javax.swing.ToolTipManager  
Returns the dismissal delay value.

[getDisplayCountry\(\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale's country that is appropriate for display to the user.

[getDisplayCountry\(Locale\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale's country that is appropriate for display to the user.

[getDisplayedMnemonic\(\)](#) - Method in class `javax.swing.JLabel`  
    Return the keycode that indicates a mnemonic key.

[getDisplayLanguage\(\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale's language that is appropriate for display to the user.

[getDisplayLanguage\(Locale\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale's language that is appropriate for display to the user.

[getDisplayName\(\)](#) - Method in class `java.beans.FeatureDescriptor`  
    Gets the localized display name of this feature.

[getDisplayName\(\)](#) - Method in class `java.util.TimeZone`  
    Returns a name of this time zone suitable for presentation to the user in the default locale.

[getDisplayName\(\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale that is appropriate for display to the user.

[getDisplayName\(\)](#) - Method in class `javax.swing.colorchooser.AbstractColorChooserPanel`  
    Returns a string containing the display name of the panel.

[getDisplayName\(boolean, int\)](#) - Method in class `java.util.TimeZone`  
    Returns a name of this time zone suitable for presentation to the user in the default locale.

[getDisplayName\(boolean, int, Locale\)](#) - Method in class `java.util.TimeZone`  
    Returns a name of this time zone suitable for presentation to the user in the specified locale.

[getDisplayName\(Locale\)](#) - Method in class `java.util.TimeZone`  
    Returns a name of this time zone suitable for presentation to the user in the specified locale.

[getDisplayName\(Locale\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale that is appropriate for display to the user.

[getDisplaySize\(\)](#) - Method in class `javax.swing.plaf.basic.BasicComboBoxUI`

[getDisplayVariant\(\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale's variant code that is appropriate for display to the user.

[getDisplayVariant\(Locale\)](#) - Method in class `java.util.Locale`  
    Returns a name for the locale's variant code that is appropriate for display to the user.

[getDivider\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSplitPaneUI`  
    Returns the divider between the top Components.

[getDividerBorderSize\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSplitPaneUI`  
    Deprecated. As of Java 2 platform v1.3, instead set the border on the divider.

[getDividerLocation\(\)](#) - Method in class `javax.swing.JSplitPane`  
    Returns the last value passed to `setDividerLocation`.

[getDividerLocation\(JSplitPane\)](#) - Method in class `javax.swing.plaf.SplitPaneUI`  
    Returns the location of the divider.

[getDividerLocation\(JSplitPane\)](#) - Method in class `javax.swing.plaf.basic.BasicSplitPaneUI`  
    Returns the location of the divider, which may differ from what the splitpane thinks the location of the divider is.

[getDividerLocation\(JSplitPane\)](#) - Method in class `javax.swing.plaf.multi.MultiSplitPaneUI`  
    Call `getDividerLocation` on each UI handled by this MultiUI.

[getDividerSize\(\)](#) - Method in class `javax.swing.JSplitPane`  
    Returns the size of the divider.

[getDividerSize\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSplitPaneDivider`  
    Returns the size of the divider, that is the width if the splitpane is HORIZONTAL\_SPLIT, or the height of VERTICAL\_SPLIT.

[getDivisionType\(\)](#) - Method in class `javax.sound.midi.Sequence`  
    Obtains the timing division type for this sequence.

[getDivisionType\(\)](#) - Method in class `javax.sound.midi.MidiFormatException`  
    Obtains the timing division type for the MIDI file.

[getDockingColor\(\)](#) - Method in class `javax.swing.plaf.basic.BasicToolBarUI`

Gets the color displayed when over a docking area  
[getDocument\(\)](#) - Method in interface javax.swing.event.DocumentEvent  
    Gets the document that sourced the change event.  
[getDocument\(\)](#) - Method in class javax.swing.text.JTextComponent  
    Fetches the model associated with the editor.  
[getDocument\(\)](#) - Method in class javax.swing.text.View  
    Fetches the model associated with the view.  
[getDocument\(\)](#) - Method in interface javax.swing.text.Element  
    Fetches the document associated with this element.  
[getDocument\(\)](#) - Method in class javax.swing.text.AbstractWriter  
    Fetches the document.  
[getDocument\(\)](#) - Method in class javax.swing.text.AbstractDocument.AbstractElement  
    Retrieves the underlying model.  
[getDocument\(\)](#) - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent  
    Gets the document that sourced the change event.  
[getDocumentBase\(\)](#) - Method in class java.applet.Applet  
    Returns an absolute URL naming the directory of the document in which the applet is embedded.  
[getDocumentBase\(\)](#) - Method in interface java.applet.AppletStub  
    Returns an absolute URL naming the directory of the document in which the applet is embedded.  
[getDocumentProperties\(\)](#) - Method in class javax.swing.text.AbstractDocument  
    Support for managing a set of properties.  
[getDoInput\(\)](#) - Method in class java.net.URLConnection  
    Returns the value of this URLConnection's doInput flag.  
[getDomainCombiner\(\)](#) - Method in class java.security.AccessControlContext  
    Get the DomainCombiner associated with this AccessControlContext.  
[getDoOutput\(\)](#) - Method in class java.net.URLConnection  
    Returns the value of this URLConnection's doOutput flag.  
[getDot\(\)](#) - Method in class javax.swing.event.CaretEvent  
    Fetches the location of the caret.  
[getDot\(\)](#) - Method in class javax.swing.text.DefaultCaret  
    Fetches the current position of the caret.  
[getDot\(\)](#) - Method in interface javax.swing.text.Caret  
    Fetches the current position of the caret.  
[getDouble\(int\)](#) - Method in interface java.sql.CallableStatement  
    Gets the value of a JDBC DOUBLE parameter as a double in the Java programming language.  
[getDouble\(int\)](#) - Method in interface java.sql.ResultSet  
    Gets the value of the designated column in the current row of this ResultSet object as a double in the Java programming language.  
[getDouble\(Object\)](#) - Method in class java.lang.reflect.Field  
    Gets the value of a field as a double on the specified object.  
[getDouble\(Object, int\)](#) - Static method in class java.lang.reflect.Array  
    Returns the value of the indexed component in the specified array object, as a double.  
[getDouble\(String\)](#) - Method in interface java.sql.ResultSet  
    Gets the value of the designated column in the current row of this ResultSet object as a double in the Java programming language.  
[getDoubleBufferMaximumSize\(\)](#) - Method in class javax.swing.RepaintManager  
    Returns the maximum double buffer size.  
[getDoubleParameter\(int\)](#) - Method in class java.awt.image.renderable.ParameterBlock  
    A convenience method to return a parameter as a double.  
[getDragAction\(\)](#) - Method in class java.awt.dnd.DragGestureEvent  
    This method returns an int representing the action selected by the user.  
[getDraggedColumn\(\)](#) - Method in class javax.swing.table.JTableHeader  
    Returns the the dragged column, if and only if, a drag is in process, otherwise returns null.  
[getDraggedDistance\(\)](#) - Method in class javax.swing.table.JTableHeader  
    Returns the column's horizontal distance from its original position, if and only if, a drag is in process.  
[getDragMode\(\)](#) - Method in class javax.swing.JDesktopPane

Get the current "dragging style" used by the desktop pane.

getDragOrigin() - Method in class `java.awt.dnd.DragGestureEvent`  
This method returns a Point in the coordinates of the Component over which the drag originated.

getDragSource() - Method in class `java.awt.dnd.DragGestureRecognizer`  
This method returns the DragSource this DragGestureRecognizer will use in order to process the Drag and Drop operation.

getDragSource() - Method in class `java.awt.dnd.DragSourceContext`  
This method returns the DragSource that instantiated this DragSourceContext.

getDragSource() - Method in class `java.awt.dnd.DragGestureEvent`  
This method returns the DragSource.

getDragSourceContext() - Method in class `java.awt.dnd.DragSourceEvent`  
This method returns the DragSourceContext that originated the event.

getDrawsLayeredHighlights() - Method in class `javax.swing.text.DefaultHighlighter`

getDriver(String) - Static method in class `java.sql.DriverManager`  
Attempts to locate a driver that understands the given URL.

getDriverMajorVersion() - Method in interface `java.sql.DatabaseMetaData`  
What's this JDBC driver's major version number?

getDriverMinorVersion() - Method in interface `java.sql.DatabaseMetaData`  
What's this JDBC driver's minor version number?

getDriverName() - Method in interface `java.sql.DatabaseMetaData`  
What's the name of this JDBC driver?

getDrivers() - Static method in class `java.sql.DriverManager`  
Retrieves an Enumeration with all of the currently loaded JDBC drivers to which the current caller has access.

getDriverVersion() - Method in interface `java.sql.DatabaseMetaData`  
What's the version of this JDBC driver?

getDropAction() - Method in class `java.awt.dnd.DropTargetDropEvent`  
This method returns an int representing the action(s) supported by the source at the time of the drop.

getDropAction() - Method in class `java.awt.dnd.DragSourceDragEvent`  
This method returns an int representing the effective drop action which is the intersection of the user's selected action, and the source and target actions.

getDropAction() - Method in class `java.awt.dnd.DragSourceDropEvent`  
This method returns an int representing the action performed by the target on the subject of the drop.

getDropAction() - Method in class `java.awt.dnd.DropTargetDragEvent`  
This method returns an int representing the currently selected drop action.

getDropSuccess() - Method in class `java.awt.dnd.DragSourceDropEvent`  
This method returns a boolean indicating if the drop was a success.

getDropTarget() - Method in class `java.awt.Component`  
Get the DropTarget associated with this Component

getDropTarget() - Method in class `java.awt.dnd.DropTargetContext`  
This method returns the DropTarget associated with this DropTargetContext.

getDropTargetContext() - Method in class `java.awt.dnd.DropTargetEvent`  
This method returns the DropTargetContext associated with this DropTargetEvent.

getDropTargetContext() - Method in class `java.awt.dnd.DropTarget`  
This method returns the DropTargetContext associated with this DropTarget.

getDSTSavings() - Method in class `java.util.SimpleTimeZone`  
Returns the amount of time in ms that the clock is advanced during DST.

getDTD(String) - Static method in class `javax.swing.text.html.parserDTD`  
Get a DTD.

getEarlyReflectionDelay() - Method in class `javax.sound.sampled.ReverbType`  
Returns the early reflection delay time in microseconds.

getEarlyReflectionIntensity() - Method in class `javax.sound.sampled.ReverbType`  
Returns the early reflection intensity in microseconds.

getEastPane() - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

getEchoChar() - Method in class java.awt.TextField

Gets the character that is to be used for echoing.

getEchoChar() - Method in class javax.swing.JPasswordField

Returns the character to be used for echoing.

getEdgeCondition() - Method in class java.awt.image.ConvolveOp

Returns the edge condition.

getEdit() - Method in class javax.swing.event.UndoableEditEvent

Returns the edit value.

getEditingColumn() - Method in class javax.swing.JTable

Returns the index of the column that contains the cell currently being edited.

getEditingPath() - Method in class javax.swing.JTree

Returns the path to the element that is currently being edited.

getEditingPath(JTree) - Method in class javax.swing.plaf.TreeUI

Returns the path to the element that is being edited.

getEditingPath(JTree) - Method in class javax.swing.plaf.basic.BasicTreeUI

Returns the path to the element that is being edited.

getEditingPath(JTree) - Method in class javax.swing.plaf.multi.MultiTreeUI

Call getEditingPath on each UI handled by this MultiUI.

getEditingRow() - Method in class javax.swing.JTable

Returns the index of the row that contains the cell currently being edited.

getEditor() - Method in class javax.swing.JComboBox

Returns the editor used to paint and edit the selected item in the JComboBox field.

getEditor(ActionEvent) - Method in class javax.swing.text.StyledEditorKit.StyledTextAction

Gets the target editor for an action.

getEditorComponent() - Method in interface javax.swing.ComboBoxEditor

Return the component that should be added to the tree hierarchy for this editor

getEditorComponent() - Method in class javax.swing.JTable

Returns the component that is handling the editing session.

getEditorComponent() - Method in class javax.swing.plaf.basic.BasicComboBoxEditor

getEditorKit() - Method in class javax.swing.JEditorPane

Fetches the currently installed kit for handling content.

getEditorKit(JTextComponent) - Method in class javax.swing.plaf.TextUI

Fetches the binding of services that set a policy for the type of document being edited.

getEditorKit(JTextComponent) - Method in class javax.swing.plaf.basic.BasicTextUI

Fetches the EditorKit for the UI.

getEditorKit(JTextComponent) - Method in class javax.swing.plaf.basic.BasicEditorPaneUI

Fetches the EditorKit for the UI.

getEditorKit(JTextComponent) - Method in class javax.swing.plaf.basic.BasicTextPaneUI

Fetches the EditorKit for the UI.

getEditorKit(JTextComponent) - Method in class javax.swing.plaf.multi.MultiTextUI

Call getEditorKit on each UI handled by this MultiUI.

getEditorKitClassNameForContentType(String) - Static method in class javax.swing.JEditorPane

Returns the currently registered EditorKit class name for the type type.

getEditorKitForContentType(String) - Method in class javax.swing.JEditorPane

Fetches the editor kit to use for the given type of content.

getEditorSearchPath() - Static method in class java.beans.PropertyEditorManager

Gets the package names that will be searched for property editors.

getElem(int) - Method in class java.awt.image.DataBuffer

Returns the requested data array element from the first (default) bank as an integer.

getElem(int) - Method in class java.awt.image.DataBufferUShort

Returns the requested data array element from the first (default) bank.

getElem(int) - Method in class java.awt.image.DataBufferByte

Returns the requested data array element from the first (default) bank.

getElem(int) - Method in class java.awt.image.DataBufferInt

Returns the requested data array element from the first (default) bank.

getElem(int) - Method in class `java.awt.image.DataBufferShort`  
Returns the requested data array element from the first (default) bank.

getElem(int, int) - Method in class `java.awt.image.DataBuffer`  
Returns the requested data array element from the specified bank as an integer.

getElem(int, int) - Method in class `java.awt.image.DataBufferUShort`  
Returns the requested data array element from the specified bank

getElem(int, int) - Method in class `java.awt.image.DataBufferByte`  
Returns the requested data array element from the specified bank

getElem(int, int) - Method in class `java.awt.image.DataBufferInt`  
Returns the requested data array element from the specified bank

getElem(int, int) - Method in class `java.awt.image.DataBufferShort`  
Returns the requested data array element from the specified bank

getElemDouble(int) - Method in class `java.awt.image.DataBuffer`  
Returns the requested data array element from the first (default) bank as a double.

getElemDouble(int, int) - Method in class `java.awt.image.DataBuffer`  
Returns the requested data array element from the specified bank as a double.

getElement() - Method in interface `javax.swing.event.DocumentEvent.ElementChange`  
Returns the element represented.

getElement() - Method in class `javax.swing.text.View`  
Fetches the structural portion of the subject that this view is mapped to.

getElement() - Method in class `javax.swing.text.AbstractDocument.ElementEdit`  
Returns the underlying element.

getElement() - Method in class `javax.swing.text.html.parser.TagElement`

getElement(Element, Object, Object) - Method in class `javax.swing.text.html.HTMLDocument`  
Returns the child element of e that contains the attribute, attribute with value value, or null if one isn't found.

getElement(int) - Method in interface `javax.swing.text.Element`  
Fetches the child element at the given index.

getElement(int) - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
Gets a child element.

getElement(int) - Method in class `javax.swing.text.AbstractDocument.BranchElement`  
Gets a child element.

getElement(int) - Method in class `javax.swing.text.AbstractDocument.LeafElement`  
Gets a child element.

getElement(int) - Method in class `javax.swing.text.html.parserDTD`  
Get an element by index.

getElement(String) - Method in class `javax.swing.text.html.HTMLDocument`  
Fetches the element that has the given id attribute.

getElement(String) - Method in class `javax.swing.text.html.parserDTD`  
Get an element by name.

getElementAt(int) - Method in interface `javax.swingListModel`  
Returns the value at the specified index.

getElementAt(int) - Method in class `javax.swing.DefaultComboBoxModel`

getElementAt(int) - Method in class `javax.swing.DefaultListModel`  
Returns the component at the specified index.

getElementAt(int) - Method in class `javax.swing.plaf.basic.BasicDirectoryModel`

getElementAt(int) - Method in class `javax.swing.plaf.metal.MetalFileChooserUI.DirectoryComboBoxModel`

getElementAt(int) - Method in class `javax.swing.plaf.metal.MetalFileChooserUI.FilterComboBoxModel`

getElementCount() - Method in interface `javax.swing.text.Element`  
Gets the number of child elements contained by this element.

getElementCount() - Method in class `javax.swing.text.AbstractDocument.AbstractElement`

Gets the number of children for the element.  
[getElementCount\(\)](#) - Method in class javax.swing.text.AbstractDocument.BranchElement  
    Gets the number of children for the element.  
[getElementCount\(\)](#) - Method in class javax.swing.text.AbstractDocument.LeafElement  
    Returns the number of child elements.  
[getElementIndex\(int\)](#) - Method in interface javax.swing.text.Element  
    Gets the child element index closest to the given offset.  
[getElementIndex\(int\)](#) - Method in class javax.swing.text.AbstractDocument.AbstractElement  
    Gets the child element index closest to the given model offset.  
[getElementIndex\(int\)](#) - Method in class javax.swing.text.AbstractDocument.BranchElement  
    Gets the child element index closest to the given model offset.  
[getElementIndex\(int\)](#) - Method in class javax.swing.text.AbstractDocument.LeafElement  
    Gets the child element index closest to the given model offset.  
[getElementIterator\(\)](#) - Method in class javax.swing.text.AbstractWriter  
    Fetches the ElementIterator.  
[getElements\(\)](#) - Method in class javax.swing.ButtonGroup  
    Return all the buttons that are participating in this group.  
[getElements\(Vector\)](#) - Method in class javax.swing.text.html.parser.ContentModel  
    Update elemVec with the list of elements that are part of the this contentModel.  
[getElementsAt\(HTMLDocument, int\)](#) - Method in class javax.swing.text.html.HTMLEditorKit.HTMLTextAction  
    Returns an array of the Elements that contain offset.  
[getElemFloat\(int\)](#) - Method in class java.awt.image.DataBuffer  
    Returns the requested data array element from the first (default) bank as a float.  
[getElemFloat\(int, int\)](#) - Method in class java.awt.image.DataBuffer  
    Returns the requested data array element from the specified bank as a float.  
[getEmptySet\(\)](#) - Method in class javax.swing.text.StyleContext  
    Fetches an empty AttributeSet.  
[getEmptySet\(\)](#) - Method in interface javax.swing.text.AbstractDocument.AttributeContext  
    Fetches an empty AttributeSet.  
[getEncoded\(\)](#) - Method in interface java.security.Key  
    Returns the key in its primary encoding format, or null if this key does not support encoding.  
[getEncoded\(\)](#) - Method in class java.security.AlgorithmParameters  
    Returns the parameters in their primary encoding format.  
[getEncoded\(\)](#) - Method in class java.security.cert.Certificate  
    Returns the encoded form of this certificate.  
[getEncoded\(\)](#) - Method in class java.security.cert.X509CRLEntry  
    Returns the ASN.1 DER-encoded form of this CRL Entry, that is the inner SEQUENCE.  
[getEncoded\(\)](#) - Method in class java.security.cert.X509CRL  
    Returns the ASN.1 DER-encoded form of this CRL.  
[getEncoded\(\)](#) - Method in class java.security.spec.EncodedKeySpec  
    Returns the encoded key.  
[getEncoded\(\)](#) - Method in class java.security.spec.PKCS8EncodedKeySpec  
    Returns the key bytes, encoded according to the PKCS #8 standard.  
[getEncoded\(\)](#) - Method in class java.security.spec.X509EncodedKeySpec  
    Returns the key bytes, encoded according to the X.509 standard.  
[getEncoded\(String\)](#) - Method in class java.security.AlgorithmParameters  
    Returns the parameters encoded in the specified scheme.  
[getEncodedValue\(\)](#) - Method in interface javax.naming.ldap.Control  
    Retrieves the ASN.1 BER encoded value of the LDAP control.  
[getEncodedValue\(\)](#) - Method in interface javax.naming.ldap.ExtendedRequest  
    Retrieves the ASN.1 BER encoded value of the LDAP extended operation request.  
[getEncodedValue\(\)](#) - Method in interface javax.naming.ldap.ExtendedResponse  
    Retrieves the ASN.1 BER encoded value of the LDAP extended operation response.  
[getEncoding\(\)](#) - Method in class java.io.InputStreamReader  
    Returns the canonical name of the character encoding being used by this stream.  
[getEncoding\(\)](#) - Method in class java.io.OutputStreamWriter

Returns the canonical name of the character encoding being used by this stream.

getEncoding() - Method in class javax.sound.sampled.AudioFormat

Obtains the type of encoding for sounds in this format.

getEndCap() - Method in class java.awt.BasicStroke

Returns the end cap style.

getEndIndex() - Method in interface java.text.CharacterIterator

Returns the end index of the text.

getEndIndex() - Method in class java.text.StringCharacterIterator

Implements CharacterIterator.getEndIndex() for String.

getEndIndex() - Method in class java.text.FieldPosition

Retrieves the index of the character following the last character in the requested field.

getEndIndex() - Method in class javax.accessibility.AccessibleHyperlink

Gets the index with the hypertext document at which this link ends

getEndIndex() - Method in class javax.swing.text.Segment

Returns the end index of the text.

getEndOffset() - Method in class javax.swing.text.View

Fetches the portion of the model that this view is responsible for.

getEndOffset() - Method in interface javax.swing.text.Element

Fetches the offset from the beginning of the document that this element ends at.

getEndOffset() - Method in class javax.swing.text.GlyphView

Fetches the portion of the model that this view is responsible for.

getEndOffset() - Method in interface javax.swing.text.Highlighter.Highlight

Gets the ending model offset for the highlight.

getEndOffset() - Method in class javax.swing.text.AbstractWriter

Returns the last offset to be output.

getEndOffset() - Method in class javax.swing.text.AbstractDocument.AbstractElement

Gets the ending offset in the model for the element.

getEndOffset() - Method in class javax.swing.text.AbstractDocument.BranchElement

Gets the ending offset in the model for the element.

getEndOffset() - Method in class javax.swing.text.AbstractDocument.LeafElement

Gets the ending offset in the model for the element.

getEndOffset() - Method in class javax.swing.text.html.HTMLDocument.Iterator

End of the range for which the current occurrence of the tag is defined and has the same attributes.

getEndPoint() - Method in class java.awt.geom.Arc2D

Returns the ending point of the arc.

getEndPosition() - Method in interface javax.swing.text.Document

Returns a position that represents the end of the document.

getEndPosition() - Method in class javax.swing.text.AbstractDocument

Returns a position that represents the end of the document.

getEntity(int) - Method in class javax.swing.text.html.parser.DTD

Get a character entity.

getEntity(String) - Method in class javax.swing.text.html.parser.DTD

Get an entity by name.

getEntries() - Method in class java.util.jar.Manifest

Returns a Map of the entries contained in this Manifest.

getEntry(String) - Method in class java.util.jar.JarFile

Returns the ZipEntry for the given entry name or null if not found.

getEntry(String) - Method in class java.util.zip.ZipFile

Returns the zip file entry for the specified name, or null if not found.

getEntryName() - Method in class java.net.JarURLConnection

Return the entry name for this connection.

getenv(String) - Static method in class java.lang.System

Deprecated. The preferred way to extract system-dependent information is the system properties

*of the java.lang.System.getProperty methods and the corresponding getTypeName methods of the Boolean, Integer, and Long primitive types. For example:*

```
String classPath = System.getProperty("java.class.path", ".");
```

```
if (Boolean.getBoolean("myapp.exper.mode"))
enableExpertCommands();
```

[getEnvironment\(\)](#) - Method in class javax.naming.InitialContext

[getEnvironment\(\)](#) - Method in class javax.naming.CannotProceedException

Retrieves the environment that was in effect when this exception was created.

[getEnvironment\(\)](#) - Method in interface javax.naming.Context

Retrieves the environment in effect for this context.

[getEras\(\)](#) - Method in class java.text.DateFormatSymbols

Gets era strings.

[getErrorCode\(\)](#) - Method in class java.sql.SQLException

Retrieves the vendor-specific exception code for this SQLException object.

[getErrorIndex\(\)](#) - Method in class java.text.ParsePosition

Retrieve the index at which an error occurred, or -1 if the error index has not been set.

[getErrorOffset\(\)](#) - Method in class java.text.ParseException

Returns the position where the error was found.

[getErrorsAny\(\)](#) - Method in class java.awt.MediaTracker

Returns a list of all media that have encountered an error.

[getErrorsID\(int\)](#) - Method in class java.awt.MediaTracker

Returns a list of media with the specified ID that have encountered an error.

[getErrorStream\(\)](#) - Method in class java.lang.Process

Gets the error stream of the subprocess.

[getErrorStream\(\)](#) - Method in class java.net.HttpURLConnection

Returns the error stream if the connection failed but the server sent useful data nonetheless.

[getEtchedBorderUIResource\(\)](#) - Static method in class javax.swing.plaf.BorderUIResource

[getEtchedInsets\(\)](#) - Static method in class javax.swing.plaf.basic.BasicGraphicsUtils

Returns the amount of space taken up by a border drawn by drawEtchedRect()

[getEtchType\(\)](#) - Method in class javax.swing.border.EtchedBorder

Returns which etch-type is set on the etched border.

[getEventContext\(\)](#) - Method in class javax.naming.event.NamingEvent

Retrieves the event source that fired this event.

[getEventContext\(\)](#) - Method in class javax.naming.event.NamingExceptionEvent

Retrieves the EventContext that fired this event.

[getEventSetDescriptors\(\)](#) - Method in interface java.beans.BeanInfo

Gets the beans EventSetDescriptors.

[getEventSetDescriptors\(\)](#) - Method in class java.beans.SimpleBeanInfo

Deny knowledge of event sets.

[getEventType\(\)](#) - Method in class javax.swing.event.HyperlinkEvent

Gets the type of event.

[getException\(\)](#) - Method in class java.awt.event.InvocationEvent

Returns any Exception caught while executing the Runnable's run() method.

[getException\(\)](#) - Method in class java.lang.ExceptionInInitializerError

Returns the exception that occurred during a static initialization that caused this Error to be created.

[getException\(\)](#) - Method in class java.lang.ClassNotFoundException

Returns the exception that was raised if an error occurred while attempting to load the class.

[getException\(\)](#) - Method in class java.security.PrivilegedActionException

Returns the exception thrown by the privileged computation that resulted in this PrivilegedActionException.

[getException\(\)](#) - Method in class javax.naming.event.NamingExceptionEvent  
Retrieves the exception that was thrown.

[getException\(\)](#) - Method in interface javax.naming.ldap.UnsolicitedNotification  
Retrieves the exception as constructed using information sent by the server.

[getExceptionTypes\(\)](#) - Method in class java.lang.reflect.Method  
Returns an array of Class objects that represent the types of the exceptions declared to be thrown by the underlying method represented by this Method object.

[getExceptionTypes\(\)](#) - Method in class java.lang.reflect.Constructor  
Returns an array of Class objects that represent the types of of exceptions declared to be thrown by the underlying constructor represented by this Constructor object.

[getExpandedDescendants\(TreePath\)](#) - Method in class javax.swing.JTree  
Returns an Enumeration of the descendants of the path parent that are currently expanded.

[getExpandedIcon\(\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI

[getExpandedState\(TreePath\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
Returns true if the path is expanded, and visible.

[getExpandedState\(TreePath\)](#) - Method in class javax.swing.tree.VariableHeightLayoutCache  
Returns true if the path is expanded, and visible.

[getExpandedState\(TreePath\)](#) - Method in class javax.swing.tree.FixedHeightLayoutCache  
Returns true if the path is expanded, and visible.

[getExpandsSelectedPaths\(\)](#) - Method in class javax.swing.JTree  
Returns the expandsSelectedPaths property.

[getExpiration\(\)](#) - Method in class java.net.URLConnection  
Returns the value of the expires header field.

[getExplanation\(\)](#) - Method in class javax.naming.NamingException  
Retrieves the explanation associated with this exception.

[getExportedKeys\(String, String, String\)](#) - Method in interface java.sql.DatabaseMetaData  
Gets a description of the foreign key columns that reference a table's primary key columns (the foreign keys exported by a table).

[getExtension\(\)](#) - Method in class javax.sound.sampled.AudioFileFormat.Type  
Obtains the common file name extension for this file type.

[getExtensionValue\(String\)](#) - Method in interface java.security.cert.X509Extension  
Gets the DER-encoded OCTET string for the extension value (*extnValue*) identified by the passed-in oid String.

[getExtension\(\)](#) - Method in class javax.swing.DefaultBoundedRangeModel  
Return the model's extent.

[getExtension\(\)](#) - Method in interface javax.swing.BoundedRangeModel  
Returns the model's extent, the length of the inner range that begins at the model's value.

[getExtension\(\)](#) - Method in class javax.swing.JSlider  
Returns the "extent" -- the range of values "covered" by the knob.

[getExtensionSize\(\)](#) - Method in class javax.swing.JViewport  
Returns the size of the visible part of the view in view coordinates.

[getExtra\(\)](#) - Method in class java.util.zip.ZipEntry  
Returns the extra field data for the entry, or null if none.

[getExtraNameCharacters\(\)](#) - Method in interface java.sql.DatabaseMetaData  
Gets all the "extra" characters that can be used in unquoted identifier names (those beyond a-z, A-Z, 0-9 and \_).

[getFactoryClassLocation\(\)](#) - Method in class javax.naming.Reference  
Retrieves the location of the factory of the object to which this reference refers.

[getFactoryClassName\(\)](#) - Method in class javax.naming.Reference  
Retrieves the class name of the factory of the object to which this reference refers.

[getFailureHandler\(\)](#) - Static method in class java.rmi.server.RMISocketFactory  
Returns the handler for socket creation failure set by the setFailureHandler method.

[getFamily\(\)](#) - Method in class java.awt.Font  
Returns the family name of this Font.

[getFamily\(Locale\)](#) - Method in class `java.awt.Font`  
Returns the family name of this Font, localized for the specified locale.

[getFD\(\)](#) - Method in class `java.io.FileOutputStream`  
Returns the file descriptor associated with this stream.

[getFD\(\)](#) - Method in class `java.io.RandomAccessFile`  
Returns the opaque file descriptor object associated with this stream.

[getFD\(\)](#) - Method in class `java.io.FileInputStream`  
Returns the FileDescriptor object that represents the connection to the actual file in the file system being used by this FileInputStream.

[getFetchDirection\(\)](#) - Method in interface `java.sql.Statement`  
Retrieves the direction for fetching rows from database tables that is the default for result sets generated from this Statement object.

[getFetchDirection\(\)](#) - Method in interface `java.sql.ResultSet`  
Returns the fetch direction for this ResultSet object.

[getFetchSize\(\)](#) - Method in interface `java.sql.Statement`  
Retrieves the number of result set rows that is the default fetch size for result sets generated from this Statement object.

[getFetchSize\(\)](#) - Method in interface `java.sql.ResultSet`  
Returns the fetch size for this ResultSet object.

[getField\(\)](#) - Method in class `java.text.FieldPosition`  
Retrieves the field identifier.

[getField\(String\)](#) - Method in class `java.io.ObjectStreamClass`  
Get the field of this class by name.

[getField\(String\)](#) - Method in class `java.lang.Class`  
Returns a Field object that reflects the specified public member field of the class or interface represented by this Class object.

[getFields\(\)](#) - Method in class `java.io.ObjectStreamClass`  
Return an array of the fields of this serializable class.

[getFields\(\)](#) - Method in class `java.lang.Class`  
Returns an array containing Field objects reflecting all the accessible public fields of the class or interface represented by this Class object.

[getFile\(\)](#) - Method in class `java.awt.FileDialog`  
Gets the selected file of this file dialog.

[getFile\(\)](#) - Method in class `java.net.URL`  
Returns the file name of this URL.

[getFileChooser\(\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI`

[getFileChooserDetailViewIcon\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

[getFileChooserHomeFolderIcon\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

[getFileChooserListViewIcon\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

[getFileChooserNewFolderIcon\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

[getFileChooserUpFolderIcon\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

[getFileDescriptor\(\)](#) - Method in class `java.net.SocketImpl`  
Returns the value of this socket's fd field.

[getFileDescriptor\(\)](#) - Method in class `java.net.DatagramSocketImpl`  
Gets the datagram socket file descriptor.

[getFileFilter\(\)](#) - Method in class `javax.swing.JFileChooser`  
Returns the currently selected file filter.

[getFileName\(\)](#) - Method in class `java.awt.JobAttributes`  
Specifies the file name for the output file for jobs using these attributes.

[getFileName\(\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI`

getFileName() - Method in class javax.swing.plaf.metal.MetalFileChooserUI

getFilenameFilter() - Method in class java.awt.FileDialog

Determines this file dialog's filename filter.

getFileNameMap() - Static method in class java.net.URLConnection

Loads filename map (a mimetable) from a data file.

getFilePointer() - Method in class java.io.RandomAccessFile

Returns the current offset in this file.

getFiles() - Method in class javax.swing.plaf.basic.BasicDirectoryModel

getFiles(File, boolean) - Method in class javax.swing.filechooser.FileSystemView

gets the list of shown (i.e.

getFileSelectionMode() - Method in class javax.swing.JFileChooser

Returns the current file-selection mode.

getFileSystemView() - Method in class javax.swing.JFileChooser

Returns the file system view.

getFileSystemView() - Static method in class javax.swing.filechooser.FileSystemView

getFileView() - Method in class javax.swing.JFileChooser

Returns the current file view.

getFileView(JFileChooser) - Method in class javax.swing.plaf.FileChooserUI

getFileView(JFileChooser) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getFileView(JFileChooser) - Method in class javax.swing.plaf.multi.MultiFileChooserUI

Call getFileView on each UI handled by this MultiUI.

getFilterInstance(ImageConsumer) - Method in class java.awt.image.ImageFilter

Returns a unique instance of an ImageFilter object which will actually perform the filtering for the specified ImageConsumer.

getFirst() - Method in class java.util.LinkedList

Returns the first element in this list.

getFirstChild() - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns this node's first child.

getFirstColumn() - Method in interface javax.accessibility.AccessibleTableModelChange

Returns the first column that changed.

getFirstColumn() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableModelChange

getFirstComponent(Container) - Method in class javax.swing.DefaultFocusManager

Return the first component that should receive the focus

getFirstDayOfWeek() - Method in class java.util.Calendar

Gets what the first day of the week is; e.g., Sunday in US, Monday in France.

getFirstIndex() - Method in class javax.swing.event.ListSelectionEvent

Returns the index of the first row whose selection may have changed.

getFirstLeaf() - Method in class javax.swing.tree.DefaultMutableTreeNode

Finds and returns the first leaf that is a descendant of this node -- either this node or its first child's first leaf.

getFirstLineIndent(AttributeSet) - Static method in class javax.swing.text.StyleConstants

Gets the first line indent setting.

getFirstRow() - Method in interface javax.accessibility.AccessibleTableModelChange

Returns the first row that changed.

getFirstRow() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableModelChange

getFirstRow() - Method in class javax.swing.event.TableModelEvent

Returns the first row that changed.

getFirstVisibleIndex() - Method in class javax.swing.JList

Returns the index of the cell in the upper left corner of the JList or -1 if nothing is visible or the list is empty.

getFixedCellHeight() - Method in class javax.swing.JList

Returns the fixed cell height value -- the value specified by setting the fixedCellHeight property, rather than that calculated from the list elements.

getFixedCellWidth() - Method in class javax.swing.JList

Returns the fixed cell width value -- the value specified by setting the fixedCellWidth property, rather than that calculated from the list elements.

getFlatness() - Method in class java.awt.geom.QuadCurve2D

Returns the flatness, or maximum distance of a controlpoint from the line connecting the endpoints, of this QuadCurve2D.

getFlatness() - Method in class java.awt.geom.CubicCurve2D

Returns the flatness of this curve.

getFlatness() - Method in class java.awt.geom.FlatteningPathIterator

Returns the flatness of this iterator.

getFlatness(double[], int) - Static method in class java.awt.geom.QuadCurve2D

Returns the flatness, or maximum distance of a controlpoint from the line connecting the endpoints, of the quadratic curve specified by the controlpoints stored in the indicated array at the indicated index.

getFlatness(double[], int) - Static method in class java.awt.geom.CubicCurve2D

Returns the flatness of the cubic curve specified by the controlpoints stored in the indicated array at the indicated index.

getFlatness(double, double, double, double, double) - Static method in class java.awt.geom.QuadCurve2D

Returns the flatness, or maximum distance of a controlpoint from the line connecting the endpoints, of the quadratic curve specified by the indicated controlpoints.

getFlatness(double, double, double, double, double, double, double) - Static method in class java.awt.geom.CubicCurve2D

Returns the flatness of the cubic curve specified by the indicated controlpoints.

getFlatnessSq() - Method in class java.awt.geom.QuadCurve2D

Returns the square of the flatness, or maximum distance of a controlpoint from the line connecting the endpoints, of this QuadCurve2D.

getFlatnessSq() - Method in class java.awt.geom.CubicCurve2D

Returns the square of the flatness of this curve.

getFlatnessSq(double[], int) - Static method in class java.awt.geom.QuadCurve2D

Returns the square of the flatness, or maximum distance of a controlpoint from the line connecting the endpoints, of the quadratic curve specified by the controlpoints stored in the indicated array at the indicated index.

getFlatnessSq(double[], int) - Static method in class java.awt.geom.CubicCurve2D

Returns the square of the flatness of the cubic curve specified by the controlpoints stored in the indicated array at the indicated index.

getFlatnessSq(double, double, double, double, double, double) - Static method in class java.awt.geom.QuadCurve2D

Returns the square of the flatness, or maximum distance of a controlpoint from the line connecting the endpoints, of the quadratic curve specified by the indicated controlpoints.

getFlatnessSq(double, double, double, double, double, double, double) - Static method in class java.awt.geom.CubicCurve2D

Returns the square of the flatness of the cubic curve specified by the indicated controlpoints.

getFlavorMap() - Method in class java.awt.dnd.DragSource

This method returns the FlavorMap for this DragSource.

getFlavorMap() - Method in class java.awt.dnd.DropTarget

This method returns the FlavorMap associated with this DropTarget

getFlavorsForNatives(String[]) - Method in class java.awt.datatransfer.SystemFlavorMap

map natives to corresponding flavors

getFlavorsForNatives(String[]) - Method in interface java.awt.datatransfer.FlavorMap

map natives to corresponding flavors

getFloat(int) - Method in interface java.sql.CallableStatement

Gets the value of a JDBC FLOAT parameter as a float in the Java programming language.

[getFloat\(int\)](#) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as a float in the Java programming language.

[getFloat\(Object\)](#) - Method in class `java.lang.reflect.Field`  
Gets the value of a field as a float on the specified object.

[getFloat\(Object, int\)](#) - Static method in class `java.lang.reflect.Array`  
Returns the value of the indexed component in the specified array object, as a float.

[getFloat\(String\)](#) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as a float in the Java programming language.

[getFloatingColor\(\)](#) - Method in class `javax.swing.plaf.basic.BasicToolBarUI`  
Gets the color displayed when over a floating area

[getFloatParameter\(int\)](#) - Method in class `java.awt.image.renderable.ParameterBlock`  
A convenience method to return a parameter as a float.

[getFlowAxis\(\)](#) - Method in class `javax.swing.text.FlowView`  
Fetch the axis along which views should be flowed.

[getFlowSpan\(int\)](#) - Method in class `javax.swing.text.FlowView`  
Fetch the constraining span to flow against for the given child index.

[getFlowSpan\(int\)](#) - Method in class `javax.swing.text.ParagraphView`  
Fetch the constraining span to flow against for the given child index.

[getFlowStart\(int\)](#) - Method in class `javax.swing.text.FlowView`  
Fetch the location along the flow axis that the flow span will start at.

[getFlowStart\(int\)](#) - Method in class `javax.swing.text.ParagraphView`  
Fetch the location along the flow axis that the flow span will start at.

[getFocusAccelerator\(\)](#) - Method in class `javax.swing.text.JTextComponent`  
Returns the key accelerator that will cause the receiving text component to get the focus.

[getFocusColor\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`

[getFocusColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalToggleButtonUI`

[getFocusColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalRadioButtonUI`

[getFocusColor\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getFocusColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalButtonUI`

[getFocusColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

[getFocusedComponent\(\)](#) - Method in class `javax.swing.text.TextAction`  
Fetches the text component that currently has focus.

[getFocusOwner\(\)](#) - Method in class `java.awt.Window`  
Returns the child component of this `Window` which has focus if and only if this `Window` is active.

[getFocusOwner\(\)](#) - Method in class `javax.swing.JInternalFrame`  
If this `JInternalFrame` is active, return the child which has focus.

[getFollowRedirects\(\)](#) - Static method in class `java.net.HttpURLConnection`  
Returns a boolean indicating whether or not HTTP redirects (3xx) should be automatically followed.

[getFont\(\)](#) - Method in class `java.awt.Component`  
Gets the font of this component.

[getFont\(\)](#) - Method in class `java.awt.Component.AccessibleAWTComponent`  
Get the Font of this object.

[getFont\(\)](#) - Method in class `java.awt.MenuComponent`  
Gets the font used for this menu component.

[getFont\(\)](#) - Method in class `java.awt.MenuComponent.AccessibleAWTMenuComponent`  
Get the Font of this object.

[getFont\(\)](#) - Method in interface `java.awt.MenuContainer`

getFont() - Method in class `java.awt.FontMetrics`  
    Gets the Font described by this `FontMetrics` object.

getFont() - Method in class `java.awt.Graphics`  
    Gets the current font.

getFont() - Method in class `java.awt.List.AccessibleAWTList.AccessibleAWTListChild`  
    Get the Font of this object.

getFont() - Method in class `java.awt.font.GlyphVector`  
    Returns the Font associated with this `GlyphVector`.

getFont() - Method in interface `javax.accessibility.AccessibleComponent`  
    Gets the Font of this object.

getFont() - Method in class `javax.swing.JList.AccessibleJList.AccessibleJListChild`

getFont() - Method in class `javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode`

getFont() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`  
    Gets the Font of this object.

getFont() - Method in class `javax.swing.DebugGraphics`  
    Returns the Font used for text drawing operations.

getFont() - Method in class  
`javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry`

getFont() - Method in class `javax.swing.text.GlyphView`  
    Fetch the font that the glyphs should be based upon.

getFont() - Method in class `javax.swing.text.LabelView`  
    Fetch the font that the glyphs should be based upon.

getFont() - Method in class `javax.swing.tree.DefaultTreeCellEditor`  
    Gets the font used for editing.

getFont() - Method in class `javax.swing.tree.DefaultTreeCellEditor.DefaultTextField`

getFont(AttributeSet) - Method in class `javax.swing.text.StyleContext`  
    Gets the font from an attribute set.

getFont(AttributeSet) - Method in interface `javax.swing.text.StyledDocument`  
    Takes a set of attributes and turn it into a font specification.

getFont(AttributeSet) - Method in class `javax.swing.text.DefaultStyledDocument`  
    Gets the font from an attribute set.

getFont(AttributeSet) - Method in class `javax.swing.text.html.StyleSheet`  
    Fetches the font to use for the given set of attributes.

getFont(Component) - Method in class `javax.swing.border.TitledBorder`

getFont(Map) - Static method in class `java.awt.Font`  
    Returns a Font appropriate to this attribute set.

getFont(Object) - Method in class `javax.swing.UIDefaults`  
    If the value of key is a Font return it, otherwise return null.

getFont(Object) - Static method in class `javax.swing.UIManager`  
    Returns a drawing font from the defaults table.

getFont(String) - Static method in class `java.awt.Font`  
    Returns a Font object from the system properties list.

getFont(String, Font) - Static method in class `java.awt.Font`  
    Gets the specified Font from the system properties list.

getFont(String, int, int) - Method in class `javax.swing.text.StyleContext`  
    Gets a new font.

getFontFamily(AttributeSet) - Static method in class `javax.swing.text.StyleConstants`  
    Gets the font family setting from the attribute list.

getFontList() - Method in class `java.awt.Toolkit`  
    Deprecated. see `GraphicsEnvironment.getAvailableFontFamilyNames()`

getFontMetrics() - Method in class `java.awt.Graphics`

Gets the font metrics of the current font.

getFontMetrics() - Method in class javax.swing.DebugGraphics  
Overrides Graphics.getFontMetrics.

getFontMetrics() - Method in class javax.swing.text.LabelView  
Deprecated. *FontMetrics are not used for glyph rendering when running in the Java2 SDK.*

getFontMetrics() - Method in class javax.swing.text.FieldView  
Fetches the font metrics associated with the component hosting this view.

getFontMetrics() - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getFontMetrics(Font) - Method in class java.awt.Component  
Gets the font metrics for the specified font.

getFontMetrics(Font) - Method in class java.awt.Component.AccessibleAWTComponent  
Get the FontMetrics of this object.

getFontMetrics(Font) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
Get the FontMetrics of this object.

getFontMetrics(Font) - Method in class java.awt.Graphics  
Gets the font metrics for the specified font.

getFontMetrics(Font) - Method in class java.awt.Toolkit  
Deprecated. *This returns integer metrics for the default screen.*

getFontMetrics(Font) - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild  
Get the FontMetrics of this object.

getFontMetrics(Font) - Method in interface javax.accessibility.AccessibleComponent  
Gets the FontMetrics of this object.

getFontMetrics(Font) - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getFontMetrics(Font) - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

getFontMetrics(Font) - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell  
Gets the FontMetrics of this object.

getFontMetrics(Font) - Method in class javax.swing.DebugGraphics  
Overrides Graphics.getFontMetrics.

getFontMetrics(Font) - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getFontMetrics(Font) - Method in class javax.swing.text.StyleContext  
Returns font metrics for a font.

getFontName() - Method in class java.awt.Font  
Returns the font face name of this Font.

getFontName(Locale) - Method in class java.awt.Font  
Returns the font face name of the Font, localized for the specified locale.

getFontPeer(String, int) - Method in class java.awt.Toolkit  
Deprecated. *see java.awt.GraphicsEnvironment#getAllFonts*

getFontRenderContext() - Method in class java.awt.Graphics2D  
Get the rendering context of the Font within this Graphics2D context.

getFontRenderContext() - Method in class java.awt.font.GlyphVector  
Returns the FontRenderContext associated with this GlyphVector.

getFontSize(AttributeSet) - Static method in class javax.swing.text.StyleConstants  
Gets the font size setting from the attribute list.

getFontTable(int) - Method in interface java.awt.font.OpenType  
Returns the table as an array of bytes for a specified tag.

getFontTable(int, int, int) - Method in interface java.awt.font.OpenType  
Returns a subset of the table as an array of bytes for a specified tag.

getFontTable(String) - Method in interface java.awt.font.OpenType  
Returns the table as an array of bytes for a specified tag.

getFontTable(String, int, int) - Method in interface java.awt.font.OpenType  
Returns a subset of the table as an array of bytes for a specified tag.

getFontTableSize(int) - Method in interface java.awt.font.OpenType

Returns the size of the table for a specified tag.  
[getFontTableSize\(String\)](#) - Method in interface [java.awt.font.OpenType](#)  
    Returns the size of the table for a specified tag.  
[getForeground\(\)](#) - Method in class [java.awt.Component](#)  
    Gets the foreground color of this component.  
[getForeground\(\)](#) - Method in class [java.awt.Component.AccessibleAWTComponent](#)  
    Get the foreground color of this object.  
[getForeground\(\)](#) - Method in class [java.awt.MenuComponent.AccessibleAWTMenuComponent](#)  
    Get the foreground color of this object.  
[getForeground\(\)](#) - Method in class [java.awt.List.AccessibleAWTList.AccessibleAWTListChild](#)  
    Get the foreground color of this object.  
[getForeground\(\)](#) - Method in interface [javax.accessibility.AccessibleComponent](#)  
    Gets the foreground color of this object.  
[getForeground\(\)](#) - Method in class [javax.swing.JList.AccessibleJList.AccessibleJListChild](#)  
  
[getForeground\(\)](#) - Method in class [javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode](#)  
    Get the foreground color of this object.  
[getForeground\(\)](#) - Method in class [javax.swing.JTable.AccessibleJTable.AccessibleJTableCell](#)  
    Gets the foreground color of this object.  
[getForeground\(\)](#) - Method in class [javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](#)  
  
[getForeground\(\)](#) - Method in class [javax.swing.text.GlyphView](#)  
    Fetch the foreground color to use to render the glyphs.  
[getForeground\(\)](#) - Method in class [javax.swing.text.LabelView](#)  
    Fetch the foreground color to use to render the glyphs.  
[getForeground\(AttributeSet\)](#) - Method in class [javax.swing.text.StyleContext](#)  
    Takes a set of attributes and turn it into a foreground color specification.  
[getForeground\(AttributeSet\)](#) - Static method in class [javax.swing.text.StyleConstants](#)  
    Gets the foreground color setting from the attribute list.  
[getForeground\(AttributeSet\)](#) - Method in interface [javax.swing.text.StyledDocument](#)  
    Takes a set of attributes and turn it into a foreground color specification.  
[getForeground\(AttributeSet\)](#) - Method in class [javax.swing.text.DefaultStyledDocument](#)  
    Gets the foreground color from an attribute set.  
[getForeground\(AttributeSet\)](#) - Method in class [javax.swing.text.html.StyleSheet](#)  
    Takes a set of attributes and turn it into a foreground color specification.  
[getForegroundAt\(int\)](#) - Method in class [javax.swing.JTabbedPane](#)  
    Returns the tab foreground color at index.  
[getFormat\(\)](#) - Method in interface [java.security.Key](#)  
    Returns the name of the primary encoding format of this key, or null if this key does not support encoding.  
[getFormat\(\)](#) - Method in interface [java.security.Certificate](#)  
    Deprecated. Returns the name of the coding format.  
[getFormat\(\)](#) - Method in class [java.security.spec.EncodedKeySpec](#)  
    Returns the name of the encoding format associated with this key specification.  
[getFormat\(\)](#) - Method in class [java.security.spec.PKCS8EncodedKeySpec](#)  
    Returns the name of the encoding format associated with this key specification.  
[getFormat\(\)](#) - Method in class [java.security.spec.X509EncodedKeySpec](#)  
    Returns the name of the encoding format associated with this key specification.  
[getFormat\(\)](#) - Method in class [javax.sound.sampled.AudioInputStream](#)  
    Obtains the audio format of the sound data in this audio input stream.  
[getFormat\(\)](#) - Method in interface [javax.sound.sampled.DataLine](#)  
    Obtains the current format (encoding, sample rate, number of channels, etc.) of the data line's audio data.  
[getFormat\(\)](#) - Method in class [javax.sound.sampled.AudioFileFormat](#)  
    Obtains the format of the audio data contained in the audio file.  
[getFormats\(\)](#) - Method in class [java.text.ChoiceFormat](#)

Get the formats passed in the constructor.

getFormats() - Method in class `java.text.MessageFormat`  
Gets formats that were set with `setFormats`.

getFormats() - Method in class `javax.sound.sampled.DataLine.Info`  
Obtains a set of audio formats supported by the data line.

getFrame() - Method in class `java.awt.geom.Rectangle2D`  
Returns the framing `Rectangle2D` that defines the overall shape of this object.

getFrameForComponent(Component) - Static method in class `javax.swing.JOptionPanel`  
Returns the specified component's Frame.

getFrameIcon() - Method in class `javax.swing.JInternalFrame`  
Returns the image displayed in the title bar of the frame (usually in the top-left corner).

getFrameLength() - Method in class `javax.sound.sampled.AudioInputStream`  
Obtains the length of the stream, expressed in sample frames rather than bytes.

getFrameLength() - Method in class `javax.sound.sampled.AudioFileFormat`  
Obtains the length of the audio data contained in the file, expressed in sample frames.

getFrameLength() - Method in interface `javax.sound.sampled.Clip`  
Obtains the media length in sample frames.

getFramePosition() - Method in interface `javax.sound.sampled.DataLine`  
Obtains the current position in the audio data, in sample frames.

getFramePosition() - Method in class `javax.sound.sampled.LineEvent`  
Obtains the position in the line's audio data when the event occurred, expressed in sample frames.

getFrameRate() - Method in class `javax.sound.sampled.AudioFormat`  
Obtains the frame rate in frames per second.

getFrames() - Static method in class `java.awt.Frame`  
Returns an array containing all Frames created by the application.

getFrameSize() - Method in class `javax.sound.sampled.AudioFormat`  
Obtains the frame size in bytes.

getFromIndex() - Method in class `javax.swing.event.TableColumnModelEvent`  
Returns the fromIndex.

getFromPage() - Method in class `java.awt.JobAttributes`  
Returns, for jobs using these attributes, the first page to be printed, if a range of pages is to be printed.

getG() - Method in interface `java.security.interfaces.DSAParams`  
Returns the base, g.

getG() - Method in class `java.security.spec.DSAPrivateKeySpec`  
Returns the base g.

getG() - Method in class `java.security.spec.DSAPublicKeySpec`  
Returns the base g.

getG() - Method in class `java.security.spec.DSAPrivateKeySpec`  
Returns the base g.

getGamma() - Method in class `java.awt.color.ICC_ProfileGray`  
Returns a gamma value representing the tone reproduction curve (TRC).

getGamma(int) - Method in class `java.awt.color.ICC_ProfileRGB`  
Returns a gamma value representing the tone reproduction curve (TRC) for a particular component.

getGestureModifiers() - Method in class `java.awt.dnd.DragSourceDragEvent`  
This method returns an int representing the current state of the input device modifiers associated with the user's gesture.

getGlassPane() - Method in class `javax.swing.JFrame`  
Returns the glassPane Component for this window.

getGlassPane() - Method in class `javax.swing.JApplet`  
Returns the glassPane object for this applet.

getGlassPane() - Method in class `javax.swing.JInternalFrame`  
Returns the glassPane object for this frame.

getGlassPane() - Method in class `javax.swing.JFrame`  
Returns the glassPane object for this frame.

[getGlassPane\(\)](#) - Method in interface javax.swing.RootPaneContainer  
    Returns the glassPane.

[getGlassPane\(\)](#) - Method in class javax.swing.JRootPane  
    Returns the current glass pane for this JRootPane.

[getGlassPane\(\)](#) - Method in class javax.swing.JDialog  
    Returns the glassPane object for this dialog.

[getGlyphCode\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the glyphcode of the specified glyph.

[getGlyphCodes\(int, int, int\[\]\)](#) - Method in class java.awt.font.GlyphVector  
    Returns an array of glyphcodes for the specified glyphs.

[getGlyphJustificationInfo\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the justification information for the glyph at the specified index into this GlyphVector.

[getGlyphLogicalBounds\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the logical bounds of the specified glyph within this GlyphVector.

[getGlyphMetrics\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the metrics of the glyph at the specified index into this GlyphVector.

[getGlyphOutline\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns a Shape whose interior corresponds to the visual representation of the specified glyph within this GlyphVector.

[getGlyphPainter\(\)](#) - Method in class javax.swing.text.GlyphView  
    Fetch the currently installed glyph painter.

[getGlyphPosition\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the position of the specified glyph within this GlyphVector.

[getGlyphPositions\(int, int, float\[\]\)](#) - Method in class java.awt.font.GlyphVector  
    Returns an array of glyph positions for the specified glyphs.

[getGlyphTransform\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Gets the transform of the specified glyph within this GlyphVector.

[getGlyphVisualBounds\(int\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the visual bounds of the specified glyph within the GlyphVector.

[getGoHomeAction\(\)](#) - Method in class javax.swing.plaf.basic.BasicFileChooserUI

[getGraphics\(\)](#) - Method in class java.awt.Component  
    Creates a graphics context for this component.

[getGraphics\(\)](#) - Method in class java.awt.PrintJob  
    Gets a Graphics object that will draw to the next page.

[getGraphics\(\)](#) - Method in class java.awt.Image  
    Creates a graphics context for drawing to an off-screen image.

[getGraphics\(\)](#) - Method in class java.awt.image.BufferedImage  
    This method returns a [Graphics2D](#), but is here for backwards compatibility.

[getGraphics\(\)](#) - Method in class javax.swing.JComponent  
    Returns this component's graphics context, which lets you draw on a component.

[getGraphics\(\)](#) - Method in class javax.swing.text.View  
    Fetch a Graphics for rendering.

[getGraphicsConfiguration\(\)](#) - Method in class java.awt.Component  
    Get the GraphicsConfiguration associated with this Component.

[getGraphicsConfiguration\(\)](#) - Method in class java.awt.Window  
    This method returns the GraphicsConfiguration used by this Window.

[getGreatestMinimum\(int\)](#) - Method in class java.util.Calendar  
    Gets the highest minimum value for the given field if varies.

[getGreatestMinimum\(int\)](#) - Method in class java.util.GregorianCalendar  
    Returns highest minimum value for the given field if varies.

[getGreen\(\)](#) - Method in class java.awt.Color  
    Returns the green component in the range 0-255 in the default sRGB space.

[getGreen\(int\)](#) - Method in class java.awt.image.ColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreen(int) - Method in class java.awt.image.ComponentColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreen(int) - Method in class java.awt.image.DirectColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreen(int) - Method in class java.awt.image.IndexColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreen(Object) - Method in class java.awt.image.ColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreen(Object) - Method in class java.awt.image.ComponentColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreen(Object) - Method in class java.awt.image.DirectColorModel  
    Returns the green color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getGreenMask() - Method in class java.awt.image.DirectColorModel  
    Returns the mask indicating which bits in an int pixel representation contain the green color component.

getGreens(byte[]) - Method in class java.awt.image.IndexColorModel  
    Copies the array of green color components into the specified array.

getGregorianChange() - Method in class java.util.GregorianCalendar  
    Gets the Gregorian Calendar change date.

getGridColor() - Method in class javax.swing.JTable  
    Returns the color used to draw grid lines.

getGridColumn() - Method in class javax.swing.text.TableView.TableCell  
    Deprecated. Gets the column of the grid location

getGridRow() - Method in class javax.swing.text.TableView.TableCell  
    Deprecated. Gets the row of the grid location

getGrooveInsets() - Static method in class javax.swing.plaf.basic.BasicGraphicsUtils  
    Returns the amount of space taken up by a border drawn by drawGroove()

getGroup() - Method in class javax.swing.DefaultButtonModel  
    Returns the group that this button belongs to.

getGroupID() - Method in class java.rmi.activation.ActivationDesc  
    Returns the group identifier for the object specified by this descriptor.

getGroupingSeparator() - Method in class java.text.DecimalFormatSymbols  
    Gets the character used for thousands separator.

getGroupingSize() - Method in class java.text.DecimalFormat  
    Return the grouping size.

getGuarantor() - Method in interface java.security.Certificate  
    Deprecated. Returns the guarantor of the certificate, that is, the principal guaranteeing that the public key associated with this certificate is that of the principal associated with this certificate.

getHAdjustable() - Method in class java.awt.ScrollPane  
    Returns the Adjustable object which represents the state of the horizontal scrollbar.

getHashColor() - Method in class javax.swing.plaf.basic.BasicTreeUI

getHeaderField(int) - Method in class java.net.URLConnection  
    Returns the value for the  $n^{\text{th}}$  header field.

getHeaderField(String) - Method in class java.net.URLConnection  
    Returns the name of the specified header field.

getHeaderFieldDate(String, long) - Method in class java.net.URLConnection  
    Returns the value of the named field parsed as date.

getHeaderFieldDate(String, long) - Method in class java.net.HttpURLConnection

[getHeaderFieldInt\(String, int\)](#) - Method in class `java.net.URLConnection`  
    Returns the value of the named field parsed as a number.

[getHeaderFieldKey\(int\)](#) - Method in class `java.net.URLConnection`  
    Returns the key for the  $n^{\text{th}}$  header field.

[getHeaderRect\(int\)](#) - Method in class `javax.swing.table.JTableHeader`  
    Returns the rectangle containing the header tile at `column`.

[getHeaderRenderer\(\)](#) - Method in class `javax.swing.table.TableColumn`  
    Returns the TableCellRenderer used to draw the header of the TableColumn.

[getHeaderValue\(\)](#) - Method in class `javax.swing.table.TableColumn`  
    Returns the Object used as the value for the header renderer.

[getHeight\(\)](#) - Method in class `java.awt.Component`  
    Return the current height of this component.

[getHeight\(\)](#) - Method in class `java.awt.FontMetrics`  
    Gets the standard height of a line of text in this font.

[getHeight\(\)](#) - Method in class `java.awt.Dimension`  
    Returns the height of this dimension in double precision.

[getHeight\(\)](#) - Method in class `java.awt.Rectangle`  
    Returns the height of the bounding Rectangle in double precision.

[getHeight\(\)](#) - Method in class `java.awt.font.LineMetrics`  
    Returns the height of the text.

[getHeight\(\)](#) - Method in class `java.awt.geom.Dimension2D`  
    Returns the height of this Dimension in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.RectangularShape`  
    Returns the height of the framing rectangle in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.RoundRectangle2D.Float`  
    Returns the height of this RoundRectangle2D in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.RoundRectangle2D.Double`  
    Returns the height of this RoundRectangle2D in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.Rectangle2D.Float`  
    Returns the height of this Rectangle2D in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.Rectangle2D.Double`  
    Returns the height of this Rectangle2D in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.Arc2D.Float`  
    Returns the height of the ellipse of which this arc is a partial section

[getHeight\(\)](#) - Method in class `java.awt.geom.Arc2D.Double`  
    Returns the height of the ellipse of which this arc is a partial section

[getHeight\(\)](#) - Method in class `java.awt.geom.Ellipse2D.Float`  
    Returns the overall height of this Ellipse2D in double precision.

[getHeight\(\)](#) - Method in class `java.awt.geom.Ellipse2D.Double`  
    Returns the overall height of this Ellipse2D in double precision.

[getHeight\(\)](#) - Method in class `java.awt.image.SampleModel`  
    Returns the height in pixels.

[getHeight\(\)](#) - Method in class `java.awt.image.Kernel`  
    Returns the height of this Kernel.

[getHeight\(\)](#) - Method in class `java.awt.image.PixelGrabber`  
    Get the height of the pixel buffer (after adjusting for image height).

[getHeight\(\)](#) - Method in interface `java.awt.image.RenderedImage`  
    Returns the height of the RenderedImage.

[getHeight\(\)](#) - Method in class `java.awt.image BufferedImage`  
    Returns the height of the BufferedImage.

[getHeight\(\)](#) - Method in class `java.awt.image.Raster`  
    Returns the height in pixels of the Raster.

[getHeight\(\)](#) - Method in class `java.awt.image.renderable.RenderableImageOp`  
    Gets the height in user coordinate space.

[getHeight\(\)](#) - Method in interface `java.awt.image.renderable.RenderableImage`

Gets the height in user coordinate space.  
[getHeight\(\)](#) - Method in class `java.awt.print.Paper`  
    Returns the height of the page in 1/72nds of an inch.  
[getHeight\(\)](#) - Method in class `java.awt.print.PageFormat`  
    Returns the height, in 1/72nds of an inch, of the page.  
[getHeight\(\)](#) - Method in class `javax.swing.JComponent`  
    Returns the current height of this component.  
[getHeight\(\)](#) - Method in class `javax.swing.text.BoxView`  
    The current height of the box.  
[getHeight\(GlyphView\)](#) - Method in class `javax.swing.text.GlyphView.GlyphPainter`  
  
[getHeight\(ImageObserver\)](#) - Method in class `java.awt.Image`  
    Determines the height of the image.  
[getHeight\(ImageObserver\)](#) - Method in class `java.awt.image.BufferedImage`  
    Returns the actual height of the image.  
[getHeightOfHighValueLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
  
[getHeightOfLowValueLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
  
[getHeightOfTallestLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
  
[getHelpMenu\(\)](#) - Method in class `java.awt.MenuBar`  
    Gets the help menu on the menu bar.  
[getHelpMenu\(\)](#) - Method in class `javax.swing.JMenuBar`  
    Gets the help menu for the menu bar.  
[getHgap\(\)](#) - Method in class `java.awt.CardLayout`  
    Gets the horizontal gap between components.  
[getHgap\(\)](#) - Method in class `java.awt.GridLayout`  
    Gets the horizontal gap between components.  
[getHgap\(\)](#) - Method in class `java.awt.BorderLayout`  
    Returns the horizontal gap between components.  
[getHgap\(\)](#) - Method in class `java.awt.FlowLayout`  
    Gets the horizontal gap between components.  
[getHighestValueLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
    Returns the label that corresponds to the lowest slider value in the label table.  
[getHighlightColor\(\)](#) - Method in class `javax.swing.border.EtchedBorder`  
    Returns the highlight color of the etched border.  
[getHighlightColor\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
  
[getHighlightColor\(Component\)](#) - Method in class `javax.swing.border.EtchedBorder`  
    Returns the highlight color of the etched border when rendered on the specified component.  
[getHighlightedTextColor\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
  
[getHighlightedTextColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`  
  
[getHighlighter\(\)](#) - Method in class `javax.swing.text.JTextComponent`  
    Fetches the object responsible for making highlights.  
[getHighlightInnerColor\(\)](#) - Method in class `javax.swing.border.BevelBorder`  
    Returns the inner highlight color of the bevel border.  
[getHighlightInnerColor\(Component\)](#) - Method in class `javax.swing.border.BevelBorder`  
    Returns the inner highlight color of the bevel border when rendered on the specified component.  
[getHighlightOuterColor\(\)](#) - Method in class `javax.swing.border.BevelBorder`  
    Returns the outer highlight color of the bevel border.  
[getHighlightOuterColor\(Component\)](#) - Method in class `javax.swing.border.BevelBorder`  
    Returns the outer highlight color of the bevel border when rendered on the specified component.

[getHighlights\(\)](#) - Method in interface javax.swing.text.Highlighter  
Fetches the current list of highlights.

[getHighlights\(\)](#) - Method in class javax.swing.text.DefaultHighlighter  
Makes a copy of the highlights.

[getHomeDirectory\(\)](#) - Method in class javax.swing.filechooser.FileSystemView

[getHorizontalAlignment\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the horizontal alignment of the icon and text.

[getHorizontalAlignment\(\)](#) - Method in class javax.swing.JTextField  
Returns the horizontal alignment of the text.

[getHorizontalAlignment\(\)](#) - Method in class javax.swing.JLabel  
Returns the alignment of the label's contents along the X axis.

[getHorizontalLegBuffer\(\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI  
The horizontal element of legs between nodes starts at the right of the left-hand side of the child node by default.

[getHorizontalLegBuffer\(\)](#) - Method in class javax.swing.plaf.metal.MetalTreeUI

[getHorizontalScrollBar\(\)](#) - Method in class javax.swing.ScrollPaneLayout  
Returns the JScrollPane object that handles horizontal scrolling.

[getHorizontalScrollBar\(\)](#) - Method in class javax.swing.JScrollPane  
Returns the horizontal scroll bar that controls the viewport's horizontal view position.

[getHorizontalScrollBarPolicy\(\)](#) - Method in class javax.swing.ScrollPaneLayout  
Returns the horizontal scrollbar-display policy.

[getHorizontalScrollBarPolicy\(\)](#) - Method in class javax.swing.JScrollPane  
Returns the horizontal scroll bar policy value.

[getHorizontalSliderThumbIcon\(\)](#) - Static method in class javax.swing.plaf.metal.MetalIconFactory

[getHorizontalTextPosition\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the horizontal position of the text relative to the icon.

[getHorizontalTextPosition\(\)](#) - Method in class javax.swing.JLabel  
Returns the horizontal position of the label's text, relative to its image.

[getHorizontalVisibility\(\)](#) - Method in class javax.swing.JTextField  
Gets the visibility of the text field.

[getHost\(\)](#) - Method in class java.net.URL  
Returns the host name of this URL, if applicable.

[getHostAddress\(\)](#) - Method in class java.net.InetAddress  
Returns the IP address string "%d.%d.%d.%d".

[getHostAddress\(URL\)](#) - Method in class java.net.URLStreamHandler  
Get the IP address of our host.

[getHostName\(\)](#) - Method in class java.net.InetAddress  
Gets the host name for this IP address.

[getHours\(\)](#) - Method in class java.sql.Date  
Deprecated.

[getHours\(\)](#) - Method in class java.util.Date  
Deprecated. As of JDK version 1.1, replaced by Calendar.get(Calendar.HOUR\_OF\_DAY).

[getHSBColor\(float, float, float\)](#) - Static method in class java.awt.Color  
Creates a Color object based on the specified values for the HSB color model.

[getScrollbarHeight\(\)](#) - Method in class java.awt.ScrollPane  
Returns the height that would be occupied by a horizontal scrollbar, which is independent of whether it is currently displayed by the scroll pane or not.

[getHTMLDocument\(JEditorPane\)](#) - Method in class javax.swing.text.html.HTMLEditorKit.HTMLTextAction

[getHTMLEditorKit\(JEditorPane\)](#) - Method in class javax.swing.text.html.HTMLEditorKit.HTMLTextAction

[getHTMLTag\(\)](#) - Method in class javax.swing.text.html.parser.TagElement

[getHumanPresentableName\(\)](#) - Method in class java.awt.datatransfer.DataFlavor

Returns the human presentable name for the data format that this DataFlavor represents.  
[getICC\\_Profiles\(\)](#) - Method in class `java.awt.image.ColorConvertOp`

Returns the array of ICC\_Profiles used to construct this ColorConvertOp.  
[getIcon\(\)](#) - Method in class `javax.swing.AbstractButton`

Returns the default icon.  
[getIcon\(\)](#) - Method in class `javax.swing.JOptionPane`

Returns the icon this pane displays.  
[getIcon\(\)](#) - Method in class `javax.swing.JLabel`

Returns the graphic image (glyph, icon) that the label displays.  
[getIcon\(\)](#) - Method in class `javax.swing.plaf.basic.BasicOptionPaneUI`

Returns the icon from the JOptionPane the receiver is providing the look and feel for, or the default icon as returned from getDefaultIcon.

[getIcon\(AttributeSet\)](#) - Static method in class `javax.swing.text.StyleConstants`  
Gets the icon setting from the attribute list.

[getIcon\(File\)](#) - Method in class `javax.swing.JFileChooser`  
Returns the icon for this file or type of file, depending on the system.

[getIcon\(File\)](#) - Method in class `javax.swing.filechooser.FileView`  
The icon that represents this file in the JFileChooser.

[getIcon\(File\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView`

[getIcon\(int\)](#) - Method in interface `java.beans.BeanInfo`

This method returns an image object that can be used to represent the bean in toolboxes, toolbars, etc.

[getIcon\(int\)](#) - Method in class `java.beans.SimpleBeanInfo`  
Claim there are no icons available.

[getIcon\(Object\)](#) - Method in class `javax.swing.UIDefaults`  
If the value of key is an Icon return it, otherwise return null.

[getIcon\(Object\)](#) - Static method in class `javax.swing.UIManager`  
Returns an Icon from the defaults table.

[getIconAt\(int\)](#) - Method in class `javax.swing.JTabbedPane`  
Returns the tab icon at index.

[getIconForTab\(int\)](#) - Method in class `javax.swing.plaf.basic.BasicTabbedPaneUI`

[getIconForType\(int\)](#) - Method in class `javax.swing.plaf.basic.BasicOptionPaneUI`  
Returns the icon to use for the passed in type.

[getIconHeight\(\)](#) - Method in interface `javax.swing.Icon`  
Returns the icon's height.

[getIconHeight\(\)](#) - Method in class `javax.swing.ImageIcon`  
Gets the height of the icon.

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.IconUIResource`

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.metal.MetalCheckBoxIcon`

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.metal.MetalIconFactory.PaletteCloseIcon`

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.metal.MetalIconFactory.FolderIcon16`

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.metal.MetalIconFactory.FileIcon16`

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.metal.MetalIconFactory.TreeControlIcon`

[getIconHeight\(\)](#) - Method in class `javax.swing.plaf.metal.MetalComboBoxIcon`  
Stubbed to satisfy the interface.

[getIconImage\(\)](#) - Method in class `java.awt.Frame`  
Gets the image to be displayed in the minimized icon for this frame.

[getIconTextGap\(\)](#) - Method in class `javax.swing.JLabel`  
Returns the amount of space between the text and the icon displayed in this label.

getIconWidth() - Method in interface javax.swing.Icon  
    Returns the icon's width.

getIconWidth() - Method in class javax.swing.ImageIcon  
    Gets the width of the icon.

getIconWidth() - Method in class javax.swing.plaf.IconUIResource

getIconWidth() - Method in class javax.swing.plaf.metal.MetalCheckBoxIcon

getIconWidth() - Method in class javax.swing.plaf.metal.MetalIconFactory.PaletteCloseIcon

getIconWidth() - Method in class javax.swing.plaf.metal.MetalIconFactory.FolderIcon16

getIconWidth() - Method in class javax.swing.plaf.metal.MetalIconFactory.FileIcon16

getIconWidth() - Method in class javax.swing.plaf.metal.MetalIconFactory.TreeControlIcon

getIconWidth() - Method in class javax.swing.plaf.metal.MetalComboBoxIcon  
    Stubbed to satisfy the interface.

getId() - Method in class org.omg.CORBA.portable.ApplicationException  
    Returns the CORBA repository ID of the exception without removing it from the exceptions input stream.

getID() - Method in class java.awt.AWTEvent  
    Returns the event type.

getID() - Method in class java.rmi.activation.Activatable  
    Returns the object's activation identifier.

getID() - Method in class java.util.TimeZone  
    Gets the ID of this time zone.

getID() - Method in class javax.naming.directory.BasicAttribute

getID() - Method in interface javax.naming.directory.Attribute  
    Retrieves the id of this attribute.

getID() - Method in interface javax.naming.ldap.Control  
    Retrieves the object identifier assigned for the LDAP control.

getID() - Method in interface javax.naming.ldap.ExtendedRequest  
    Retrieves the object identifier of the request.

getID() - Method in interface javax.naming.ldap.ExtendedResponse  
    Retrieves the object identifier of the response.

getID() - Method in class javax.swing.LookAndFeel  
    Return a string that identifies this look and feel.

getID() - Method in class javax.swing.plaf.metal.MetalLookAndFeel

getID() - Method in class javax.swing.plaf.multi.MultiLookAndFeel

getIdentifier() - Method in class javax.swing.table.TableColumn  
    Returns the identifier object for this column.

getIdentifierQuoteString() - Method in interface java.sql.DatabaseMetaData  
    What's the string used to quote SQL identifiers? This returns a space " " if identifier quoting isn't supported.

getIdentity(Principal) - Method in class java.security.IdentityScope  
    Deprecated. Retrieves the identity whose name is the same as that of the specified principal.

getIdentity(PublicKey) - Method in class java.security.IdentityScope  
    Deprecated. Retrieves the identity with the specified public key.

getIdentity(String) - Method in class java.security.IdentityScope  
    Deprecated. Returns the identity in this scope with the specified name (if any).

getIDs() - Method in interface javax.naming.directory.Attributes  
    Retrieves an enumeration of the ids of the attributes in the attribute set.

getIDs() - Method in class javax.naming.directory.BasicAttributes

getIDString() - Method in class `java.awt.GraphicsDevice`  
    Returns the identification string associated with this GraphicsDevice.

getIfModifiedSince() - Method in class `java.net.URLConnection`  
    Returns the value of this object's ifModifiedSince field.

getImage() - Method in class `java.awt.TexturePaint`  
    Returns the BufferedImage texture used to fill the shapes.

getImage() - Method in class `javax.swing.ImageIcon`  
    Returns this icon's Image.

getImage(String) - Method in class `java.awt.Toolkit`  
    Returns an image which gets pixel data from the specified file, whose format can be either GIF, JPEG or PNG.

getImage(URL) - Method in interface `java.applet.AppletContext`  
    Returns an Image object that can then be painted on the screen.

getImage(URL) - Method in class `java.applet.Applet`  
    Returns an Image object that can then be painted on the screen.

getImage(URL) - Method in class `java.awt.Toolkit`  
    Returns an image which gets pixel data from the specified URL.

getImage(URL, String) - Method in class `java.applet.Applet`  
    Returns an Image object that can then be painted on the screen.

getImageableHeight() - Method in class `java.awt.print.Paper`  
    Returns the height of this Paper object's imageable area.

getImageableHeight() - Method in class `java.awt.print.PageFormat`  
    Return the height, in 1/72nds of an inch, of the imageable area of the page.

getImageableWidth() - Method in class `java.awt.print.Paper`  
    Returns the width of this Paper object's imageable area.

getImageableWidth() - Method in class `java.awt.print.PageFormat`  
    Returns the width, in 1/72nds of an inch, of the imageable area of the page.

getImageableX() - Method in class `java.awt.print.Paper`  
    Returns the x coordinate of the upper-left corner of this Paper object's imageable area.

getImageableX() - Method in class `java.awt.print.PageFormat`  
    Returns the x coordinate of the upper left point of the imageable area of the Paper object associated with this PageFormat.

getImageableY() - Method in class `java.awt.print.Paper`  
    Returns the y coordinate of the upper-left corner of this Paper object's imageable area.

getImageableY() - Method in class `java.awt.print.PageFormat`  
    Returns the y coordinate of the upper left point of the imageable area of the Paper object associated with this PageFormat.

getImageLoadStatus() - Method in class `javax.swing.ImageIcon`  
    Returns the status of the image loading operation.

getImageObserver() - Method in class `javax.swing.ImageIcon`  
    Returns the image observer for the image.

getImplementationTitle() - Method in class `java.lang.Package`  
    Return the title of this package.

getImplementationVendor() - Method in class `java.lang.Package`  
    Returns the name of the organization, vendor or company that provided this implementation.

getImplementationVersion() - Method in class `java.lang.Package`  
    Return the version of this implementation.

getImportedKeys(String, String, String) - Method in interface `java.sql.DatabaseMetaData`  
    Gets a description of the primary key columns that are referenced by a table's foreign key columns (the primary keys imported by a table).

getInactiveControlTextColor() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getInactiveControlTextColor() - Method in class `javax.swing.plaf.metal.MetalTheme`

getInactiveSystemTextColor() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getInactiveSystemTextColor() - Method in class javax.swing.plaf.metal.MetalTheme

getInCheck() - Method in class java.lang.SecurityManager

Deprecated. This type of security checking is not recommended. It is recommended that the checkPermission call be used instead.

getIndentLevel() - Method in class javax.swing.text.AbstractWriter

Returns the current indentation level.

getIndentSpace() - Method in class javax.swing.text.AbstractWriter

Returns the amount of space to indent.

getIndex() - Method in class java.sql.DataTruncation

Retrieves the index of the column or parameter that was truncated.

getIndex() - Method in class java.text.ParsePosition

Retrieve the current parse position.

getIndex() - Method in interface java.text.CharacterIterator

Returns the current index.

getIndex() - Method in class java.text.StringCharacterIterator

Implements CharacterIterator.getIndex() for String.

getIndex() - Method in interface javax.swing.event.DocumentEvent.ElementChange

Fetches the index within the element represented.

getIndex() - Method in class javax.swing.text.AbstractDocument.ElementEdit

Returns the index into the list of elements.

getIndex() - Method in class javax.swing.text.Segment

Returns the current index.

getIndex() - Method in class javax.swing.text.html.parser.Element

Get index.

getIndex(int) - Method in class javax.swing.SizeSequence

Returns the index of the entry that corresponds to the specified position.

getIndex(TreeNode) - Method in class javax.swing.text.AbstractDocument.AbstractElement

Returns the index of node in the receivers children.

getIndex(TreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode

Returns the index of the specified child in this node's child array.

getIndex(TreeNode) - Method in interface javax.swing.tree.TreeNode

Returns the index of node in the receivers children.

getIndex0() - Method in class javax.swing.event.ListDataEvent

Returns the lower index of the range.

getIndex1() - Method in class javax.swing.event.ListDataEvent

Returns the upper index of the range.

getIndexAtPoint(Point) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent

Given a point in local coordinates, return the zero-based index of the character under that Point.

getIndexAtPoint(Point) - Method in interface javax.accessibility.AccessibleText

Given a point in local coordinates, return the zero-based index of the character under that Point.

getIndexAtPoint(Point) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton

Given a point in local coordinates, return the zero-based index of the character under that Point.

getIndexAtPoint(Point) - Method in class javax.swing.JLabel.AccessibleJLabel

Given a point in local coordinates, return the zero-based index of the character under that Point.

getIndexAtPoint(Point) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent

Given a point in local coordinates, return the zero-based index of the character under that Point.

getIndexedPropertyType() - Method in class java.beans.IndexedPropertyDescriptor

Gets the Class object of the indexed properties' type.

getIndexedReadMethod() - Method in class java.beans.IndexedPropertyDescriptor

Gets the method that should be used to read an indexed property value.

getIndexedWriteMethod() - Method in class java.beans.IndexedPropertyDescriptor

Gets the method that should be used to write an indexed property value.  
[getIndexInfo\(String, String, String, boolean, boolean\)](#) - Method in interface [java.sql.DatabaseMetaData](#)  
Gets a description of a table's indices and statistics.  
[getIndexOf\(Component\)](#) - Method in class [javax.swing.JLayeredPane](#)  
Returns the index of the specified Component.  
[getIndexOf\(Object\)](#) - Method in class [javax.swing.DefaultComboBoxModel](#)  
Returns the index-position of the specified object in the list.  
[getIndexOfChild\(Object, Object\)](#) - Method in interface [javax.swing.tree.TreeModel](#)  
Returns the index of child in parent.  
[getIndexOfChild\(Object, Object\)](#) - Method in class [javax.swing.tree.DefaultTreeModel](#)  
Returns the index of child in parent.  
[getIndexOfSize\(float\)](#) - Static method in class [javax.swing.text.html.StyleSheet](#)

[getInetAddress\(\)](#) - Method in class [java.net DatagramSocket](#)  
Returns the address to which this socket is connected.  
[getInetAddress\(\)](#) - Method in class [java.net SocketImpl](#)  
Returns the value of this socket's address field.  
[getInetAddress\(\)](#) - Method in class [java.net Socket](#)  
Returns the address to which the socket is connected.  
[getInetAddress\(\)](#) - Method in class [java.net ServerSocket](#)  
Returns the local address of this server socket.  
[getInfinity\(\)](#) - Method in class [java.text DecimalFormatSymbols](#)  
Gets the character used to represent infinity.  
 [getInfo\(\)](#) - Method in class [java.security.Provider](#)  
Returns a human-readable description of the provider and its services.  
 [getInfo\(\)](#) - Method in class [java.security.Identity](#)  
Deprecated. Returns general information previously specified for this identity.  
[getInitialContext\(Hashtable\)](#) - Static method in class [javax.naming.spi.NamingManager](#)  
Creates an initial context using the specified environment properties.  
[getInitialContext\(Hashtable\)](#) - Method in interface [javax.naming.spi.InitialContextFactory](#)  
Creates an Initial Context for beginning name resolution.  
[getInitialDelay\(\)](#) - Method in class [javax.swing.ToolTipManager](#)  
Returns the initial delay value.  
[getInitialDelay\(\)](#) - Method in class [javax.swing.Timer](#)  
Returns the Timer's initial delay.  
[getInitialLocationInsets\(\)](#) - Method in class [javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager](#)  
Returns the left inset, unless the Insets are null in which case 0 is returned.  
[getInitialSelectionValue\(\)](#) - Method in class [javax.swing.JOptionPanel](#)  
Returns the initial-selection value.  
[getInitialValue\(\)](#) - Method in class [javax.swing.JOptionPanel](#)  
Returns the initial value.  
[getInitialValueIndex\(\)](#) - Method in class [javax.swing.plaf.basic.BasicOptionPaneUI](#)  
Returns the initial index into the buttons to select.  
 [getInputAttributes\(\)](#) - Method in class [javax.swing.JTextPane](#)  
Gets the input attributes for the pane.  
 [getInputAttributes\(\)](#) - Method in class [javax.swing.text.StyledEditorKit](#)  
Gets the input attributes for the pane.  
 [getInputAttributes\(\)](#) - Method in class [javax.swing.text.html.HTMLEditorKit](#)  
Gets the input attributes used for the styled editing actions.  
 [getInputContext\(\)](#) - Method in class [java.awt.Component](#)  
Gets the input context used by this component for handling the communication with input methods when text is entered in this component.  
 [getInputContext\(\)](#) - Method in class [java.awt.Window](#)  
Gets the input context for this window.  
 [getInputMap\(\)](#) - Method in class [javax.swing.JComponent](#)

Returns the InputMap that is used when the receiver has focus.

[getInputMap\(int\)](#) - Method in class javax.swing.JComponent

Returns the InputMap that is used during condition.

[getInputMethodControlObject\(\)](#) - Method in class java.awt.im.InputContext

Returns a control object from the current input method, or null.

[getInputMethodDisplayName\(Locale, Locale\)](#) - Method in interface java.awt.im.spi.InputMethodDescriptor

Returns the user-visible name of the corresponding input method for the given input locale in the language in which the name will be displayed.

[getInputMethodIcon\(Locale\)](#) - Method in interface java.awt.im.spi.InputMethodDescriptor

Returns an icon for the corresponding input method.

[getInputMethodRequests\(\)](#) - Method in class java.awt.Component

Gets the input method request handler which supports requests from input methods for this component.

[getInputMethodRequests\(\)](#) - Method in class javax.swing.text.JTextComponent

[getInputStream\(\)](#) - Method in class java.lang.Process

Gets the input stream of the subprocess.

[getInputStream\(\)](#) - Method in class java.net.URLConnection

Returns an input stream that reads from this open connection.

[getInputStream\(\)](#) - Method in class java.net.SocketImpl

Returns an input stream for this socket.

[getInputStream\(\)](#) - Method in class java.net.Socket

Returns an input stream for this socket.

[getInputStream\(\)](#) - Method in interface java.rmi.server.RemoteCall

Deprecated. *no replacement*

[getInputStream\(\)](#) - Method in class org.omg.CORBA.portable.ApplicationException

Returns the input stream from which the exception data can be read as its parameters.

[getInputStream\(ZipEntry\)](#) - Method in class java.util.jar.JarFile

Returns an input stream for reading the contents of the specified ZIP file entry.

[getInputStream\(ZipEntry\)](#) - Method in class java.util.zip.ZipFile

Returns an input stream for reading the contents of the specified zip file entry.

[get inputValue\(\)](#) - Method in class javax.swing.JOptionPane

Returns the value the user has input, if wantsInput is true.

[get InputVerifier\(\)](#) - Method in class javax.swing.JComponent

Returns the input verifier for this component.

[getInsertIndex\(\)](#) - Method in class java.awt.font.TextHitInfo

Returns the insertion index.

[getInsertPositionOffset\(\)](#) - Method in interface java.awt.im.InputMethodRequests

Gets the offset of the insert position in the committed text contained in the text editing component.

[getInset\(int, View\)](#) - Method in class javax.swing.text.html.StyleSheet.BoxPainter

Fetches the inset needed on a given side to account for the margin, border, and padding.

[get Insets\(\)](#) - Method in class java.awt.Container

Determines the insets of this container, which indicate the size of the container's border.

[get Insets\(\)](#) - Method in class javax.swing.JComponent

If a border has been set on this component, returns the border's insets; otherwise calls super.getInsets.

[get Insets\(\)](#) - Method in class javax.swing.JViewport

Returns the insets (border) dimensions as (0,0,0,0), since borders are not supported on a JViewport.

[get Insets\(\)](#) - Method in class javax.swing.plaf.basic.BasicToolBarUI.DragWindow

[get Insets\(\)](#) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

Gets the insets from the JComboBox.

[get Insets\(\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneDivider

If a border has been set on this component, returns the border's insets, else calls

```

super.getInsets.

getInsets(Insets) - Method in class javax.swing.JComponent
    Returns an Insets object containing this component's inset values.

getInsets(Insets) - Method in class javax.swing.JViewport
    Returns an Insets object containing this JViewports inset values.

getInsets(JComponent) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI
    Returns the insets.

getInsets(JComponent) - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

getInsets(Object) - Method in class javax.swing.UIDefaults
    If the value of key is an Insets return it, otherwise return null.

getInsets(Object) - Static method in class javax.swing.UIManager
    Returns an Insets object from the defaults table.

getInsideAllocation(Shape) - Method in class javax.swing.text.CompositeView
    Translates the immutable allocation given to the view to a mutable allocation that represents
    the interior allocation (i.e.

getInsideBorder() - Method in class javax.swing.border.CompoundBorder
    Returns the inside border object.

getInstalledLookAndFeels() - Static method in class javax.swing.UIManager
    Return an array of objects that provide some information about the LookAndFeel implementations
    that have been installed with this software development kit.

getInstance() - Static method in class java.awt.im.InputContext
    Returns a new InputContext instance.

getInstance() - Static method in class java.text.NumberFormat
    Returns the default number format for the current default locale.

getInstance() - Static method in class java.text.Collator
    Gets the Collator for the current default locale.

getInstance() - Static method in class java.text.DateFormat
    Get a default date/time formatter that uses the SHORT style for both the date and the time.

getInstance() - Static method in class java.util.Calendar
    Gets a calendar using the default time zone and locale.

getInstance(byte[]) - Static method in class java.awt.color.ICC_Profile
    Constructs an ICC_Profile object corresponding to the data in a byte array.

getInstance(InputStream) - Static method in class java.awt.color.ICC_Profile
    Constructs an ICC_Profile corresponding to the data in an InputStream.

getInstance(int) - Static method in class java.awt.AlphaComposite
    Creates an AlphaComposite object with the specified rule.

getInstance(int) - Static method in class java.awt.color.ICC_Profile
    Constructs an ICC_Profile corresponding to one of the specific color spaces defined by the
    ColorSpace class (for example CS_sRGB).

getInstance(int) - Static method in class java.awt.color.ColorSpace
    Returns a ColorSpace representing one of the specific predefined color spaces.

getInstance(int, float) - Static method in class java.awt.AlphaComposite
    Creates an AlphaComposite object with the specified rule and the constant alpha to multiply
    with the alpha of the source.

getInstance(Locale) - Static method in class java.text.NumberFormat
    Returns the default number format for the specified locale.

getInstance(Locale) - Static method in class java.text.Collator
    Gets the Collator for the desired locale.

getInstance(Locale) - Static method in class java.util.Calendar
    Gets a calendar using the default time zone and specified locale.

getInstance(String) - Static method in class java.awt.color.ICC_Profile
    Constructs an ICC_Profile corresponding to the data in a file.

getInstance(String) - Static method in class java.security.KeyFactory
    Generates a KeyFactory object that implements the specified digest algorithm.

getInstance(String) - Static method in class java.security.KeyPairGenerator
    Generates a KeyPairGenerator object that implements the specified digest algorithm.

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getInstance(String) - Static method in class java.security.SecureRandom  
Generates a SecureRandom object that implements the specified Pseudo Random Number Generator (PRNG) algorithm.

getInstance(String) - Static method in class java.security.AlgorithmParameters  
Generates a parameter object for the specified algorithm.

getInstance(String) - Static method in class java.security.AlgorithmParameterGenerator  
Generates an AlgorithmParameterGenerator object that implements the specified digest algorithm.

getInstance(String) - Static method in class java.security.KeyStore  
Generates a keystore object of the given type.

getInstance(String) - Static method in class java.security.MessageDigest  
Generates a MessageDigest object that implements the specified digest algorithm.

getInstance(String) - Static method in class java.security.Signature  
Generates a Signature object that implements the specified digest algorithm.

getInstance(String) - Static method in class java.security.cert.CertificateFactory  
Generates a certificate factory object that implements the specified certificate type.

getInstance(String, String) - Static method in class java.security.KeyFactory  
Generates a KeyFactory object for the specified algorithm from the specified provider.

getInstance(String, String) - Static method in class java.security.KeyPairGenerator  
Generates a KeyPairGenerator object implementing the specified algorithm, as supplied from the specified provider, if such an algorithm is available from the provider.

getInstance(String, String) - Static method in class java.security.SecureRandom  
Generates a SecureRandom object for the specified PRNG algorithm, as supplied from the specified provider, if such a PRNG implementation is available from the provider.

getInstance(String, String) - Static method in class java.security.AlgorithmParameters  
Generates a parameter object for the specified algorithm, as supplied by the specified provider, if such an algorithm is available from the provider.

getInstance(String, String) - Static method in class java.security.AlgorithmParameterGenerator  
Generates an AlgorithmParameterGenerator object for the requested algorithm, as supplied from the specified provider, if such a parameter generator is available from the provider.

getInstance(String, String) - Static method in class java.security.KeyStore  
Generates a keystore object for the specified keystore type from the specified provider.

getInstance(String, String) - Static method in class java.security.MessageDigest  
Generates a MessageDigest object implementing the specified algorithm, as supplied from the specified provider, if such an algorithm is available from the provider.

getInstance(String, String) - Static method in class java.security.Signature  
Generates a Signature object implementing the specified algorithm, as supplied from the specified provider, if such an algorithm is available from the provider.

getInstance(String, String) - Static method in class java.security.cert.CertificateFactory  
Generates a certificate factory object for the specified certificate type from the specified provider.

getInstance(TimeZone) - Static method in class java.util.Calendar  
Gets a calendar using the specified time zone and default locale.

getInstance(TimeZone, Locale) - Static method in class java.util.Calendar  
Gets a calendar with the specified time zone and locale.

getInstanceFollowRedirects() - Method in class java.net.HttpURLConnection  
Returns the value of this HttpURLConnection's instanceFollowRedirects field.

getInstanceOf(Object, Class) - Static method in class java.beans.Beans  
From a given bean, obtain an object representing a specified type view of that source object.

getInstrument(Patch) - Method in interface javax.sound.midi.Soundbank  
Obtains an Instrument from the given Patch.

getInstruments() - Method in interface javax.sound.midi.Soundbank  
Obtains a list of instruments contained in this sound bank.

getInt(int) - Method in interface java.sql.CallableStatement  
Gets the value of a JDBC INTEGER parameter as an int in the Java programming language.

getInt(int) - Method in interface java.sql.ResultSet  
Gets the value of the designated column in the current row of this ResultSet object as an int

in the Java programming language.

getInt(Object) - Method in class `java.lang.reflect.Field`  
Gets the value of a field as an int on the specified object.

getInt(Object) - Method in class `javax.swing.UIDefaults`  
If the value of key is an Integer return its integer value, otherwise return 0.

getInt(Object) - Static method in class `javax.swing.UIManager`  
Returns an int from the defaults table.

getInt(Object, int) - Static method in class `java.lang.reflect.Array`  
Returns the value of the indexed component in the specified array object, as an int.

getInt(String) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this ResultSet object as an int in the Java programming language.

getInteger(String) - Static method in class `java.lang.Integer`  
Determines the integer value of the system property with the specified name.

getInteger(String, int) - Static method in class `java.lang.Integer`  
Determines the integer value of the system property with the specified name.

getInteger(String, Integer) - Static method in class `java.lang.Integer`  
Returns the integer value of the system property with the specified name.

getIntegerAttributeValue(AttributeSet, HTML.Attribute, int) - Static method in class `javax.swing.text.html.HTML`  
Fetch an integer attribute value.

getInterCellSpacing() - Method in class `javax.swing.JTable`  
Returns the horizontal and vertical space between cells.

getInterface() - Method in class `java.net.MulticastSocket`  
Retrieve the address of the network interface used for multicast packets.

getInterfaces() - Method in class `java.lang.Class`  
Determines the interfaces implemented by the class or interface represented by this object.

getInteriorRectangle(Component, Border, int, int, int, int) - Static method in class `javax.swing.border.AbstractBorder`  
Returns a rectangle using the arguments minus the insets of the border.

getInteriorRectangle(Component, int, int, int, int) - Method in class `javax.swing.border.AbstractBorder`  
This convenience method calls the static method.

getInternalFrame() - Method in class `javax.swing.JInternalFrame.JDesktopIcon`  
Returns the JInternalFrame that this DesktopIcon is associated with.

getInternalFrame() - Method in class `javax.swing.event.InternalFrameEvent`  
Returns the originator of the event.

getInternalFrameAltMaximizeIcon(int) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getInternalFrameBorder() - Static method in class `javax.swing.plaf.basic.BasicBorders`

getInternalFrameCloseIcon(int) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getInternalFrameDefaultMenuItemIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getInternalFrameMaximizeIcon(int) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getInternalFrameMinimizeIcon(int) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getInternationalCurrencySymbol() - Method in class `java.text.DecimalFormatSymbols`  
Return the international string denoting the local currency.

getInterpolationType() - Method in class `java.awt.image.AffineTransformOp`  
Returns the interpolation type used by this op.

getIntParameter(int) - Method in class `java.awt.image.renderable.ParameterBlock`  
A convenience method to return a parameter as an int.

getInverted() - Method in class `javax.swing.JSlider`

Returns true if the value-range shown for the slider is reversed.  
[getInvocationHandler\(Object\)](#) - Static method in class `java.lang.reflect.Proxy`  
    Returns the invocation handler for the specified proxy instance.

[getInvoker\(\)](#) - Method in class `javax.swing.JPopupMenu`  
    Returns the component which is the 'invoker' of this popup menu.

[getInvokesStopCellEditing\(\)](#) - Method in class `javax.swing.JTree`  
    Returns the indicator that tells what happens when editing is interrupted.

[getIOException\(\)](#) - Method in class `java.awt.print.PrinterIOException`  
    Returns the IOException that terminated the print job.

[getISO3Country\(\)](#) - Method in class `java.util.Locale`  
    Returns a three-letter abbreviation for this locale's country.

[getISO3Language\(\)](#) - Method in class `java.util.Locale`  
    Returns a three-letter abbreviation for this locale's language.

[getISOCountries\(\)](#) - Static method in class `java.util.Locale`  
    Returns a list of all 2-letter country codes defined in ISO 3166.

[getISOLanguages\(\)](#) - Static method in class `java.util.Locale`  
    Returns a list of all 2-letter language codes defined in ISO 639.

[getIssuerDN\(\)](#) - Method in class `java.security.cert.X509Certificate`  
    Gets the issuer (issuer distinguished name) value from the certificate.

[getIssuerDN\(\)](#) - Method in class `java.security.cert.X509CRL`  
    Gets the issuer (issuer distinguished name) value from the CRL.

[getIssuerUniqueID\(\)](#) - Method in class `java.security.cert.X509Certificate`  
    Gets the issuerUniqueID value from the certificate.

[getItalicAngle\(\)](#) - Method in class `java.awt.Font`  
    Returns the italic angle of this Font.

[getItem\(\)](#) - Method in class `java.awt.event.ItemEvent`  
    Returns the item affected by the event.

[getItem\(\)](#) - Method in interface `javax.swing.ComboBoxEditor`  
    Return the edited item

[getItem\(\)](#) - Method in class `javax.swing.plaf.basic.BasicComboBoxEditor`

[getItem\(int\)](#) - Method in class `java.awt.Menu`  
    Gets the item located at the specified index of this menu.

[getItem\(int\)](#) - Method in class `java.awt.List`  
    Gets the item associated with the specified index.

[getItem\(int\)](#) - Method in class `java.awt.Choice`  
    Gets the string at the specified index in this Choice menu.

[getItem\(int\)](#) - Method in class `javax.swing.JMenu`  
    Returns the JMenuItem at the specified position.

[getItemAt\(int\)](#) - Method in class `javax.swing.JComboBox`  
    Returns the list item at the specified index.

[getItemCount\(\)](#) - Method in class `java.awt.Menu`  
    Get the number of items in this menu.

[getItemCount\(\)](#) - Method in class `java.awt.List`  
    Gets the number of items in the list.

[getItemCount\(\)](#) - Method in class `java.awt.Choice`  
    Returns the number of items in this Choice menu.

[getItemCount\(\)](#) - Method in class `javax.swing.JMenu`  
    Returns the number of items on the menu, including separators.

[getItemCount\(\)](#) - Method in class `javax.swing.JComboBox`  
    Returns the number of items in the list.

[getItems\(\)](#) - Method in class `java.awt.List`  
    Gets the items in the list.

[getItemSelectable\(\)](#) - Method in class `java.awt.event.ItemEvent`  
    Returns the originator of the event.

[getIterator\(\)](#) - Method in class `java.text.AttributedString`  
    Creates an AttributedCharacterIterator instance that provides access to the entire contents of

this string.

getIterator(AttributeIterator.Attribute[]) - Method in class `java.text.AttributedString`  
    Creates an AttributeIterator instance that provides access to selected contents of  
    this string.

getIterator(AttributeIterator.Attribute[], int, int) - Method in class  
`java.text.AttributedString`  
    Creates an AttributeIterator instance that provides access to selected contents of  
    this string.

getIterator(HTML.Tag) - Method in class `javax.swing.text.html.HTMLDocument`  
    Fetches an iterator for the following kind of HTML tag.

getJarEntry() - Method in class `java.net.JarURLConnection`  
    Return the JAR entry object for this connection, if any.

getJarEntry(String) - Method in class `java.util.jar.JarFile`  
    Returns the JarEntry for the given entry name or null if not found.

getJarFile() - Method in class `java.net.JarURLConnection`  
    Return the JAR file for this connection.

getJarFileURL() - Method in class `java.net.JarURLConnection`  
    Returns the URL for the Jar file for this connection.

getJavaInitializationString() - Method in interface `java.beans.PropertyEditor`  
    This method is intended for use when generating Java code to set the value of the property.

getJavaInitializationString() - Method in class `java.beans.PropertyEditorSupport`  
    This method is intended for use when generating Java code to set the value of the property.

getJMenuBar() - Method in class `javax.swing.JApplet`  
    Returns the menubar set on this applet.

getJMenuBar() - Method in class `javax.swing.JInternalFrame`  
    Returns the current JMenuBar for this JInternalFrame, or null if no menu bar has been set.

getJMenuBar() - Method in class `javax.swing.JFrame`  
    Returns the menubar set on this frame.

getJMenuBar() - Method in class `javax.swing.JRootPane`  
    Returns the menu bar from the layered pane.

getJMenuBar() - Method in class `javax.swing.JDialog`  
    Returns the menubar set on this dialog.

getJobName() - Method in class `java.awt.print.PrinterJob`  
    Gets the name of the document to be printed.

getJustificationInfo() - Method in class `java.awt.font.GraphicAttribute`  
    Returns the justification information for this GraphicAttribute.

getJustifiedLayout(float) - Method in class `java.awt.font.TextLayout`  
    Creates a copy of this TextLayout justified to the specified width.

getKeepAlive() - Method in class `java.net.Socket`  
    Tests if SO\_KEEPALIVE is enabled.

getKernel() - Method in class `java.awt.image.ConvolveOp`  
    Returns the Kernel.

getKernelData(float[]) - Method in class `java.awt.image.Kernel`  
    Returns the kernel data in row major order.

getKey() - Method in class `java.awt.MenuShortcut`  
    Return the raw keycode of this MenuShortcut.

getKey() - Method in class `java.util.MissingResourceException`  
    Gets parameter passed by constructor.

getKey() - Method in interface `java.util.Map.Entry`  
    Returns the key corresponding to this entry.

getKey() - Method in class `javax.accessibility.AccessibleRelation`  
    Returns the key for this relation

getKey(String, char[]) - Method in class `java.security.KeyStore`  
    Returns the key associated with the given alias, using the given password to recover it.

getKeyChar() - Method in class `java.awt.event.KeyEvent`  
    Returns the character associated with the key in this event.

getKeyChar() - Method in class `javax.swing.KeyStroke`

Returns the character defined by this KeyStroke object.

[getKeyCode\(\)](#) - Method in class `java.awt.event.KeyEvent`  
 Returns the integer key-code associated with the key in this event.

[getKeyCode\(\)](#) - Method in class `javax.swing.KeyStroke`  
 Returns the numeric keycode defined by this KeyStroke object.

[getKeyListener\(\)](#) - Method in class `javax.swing.plaf.basic.BasicComboPopup`  
 Implementation of `ComboPopup.getKeyListener()`.

[getKeyListener\(\)](#) - Method in interface `javax.swing.plaf.basic.ComboPopup`  
 Returns a key listener that shows and hides the popup.

[getKeymap\(\)](#) - Method in class `javax.swing.text.JTextComponent`  
 Fetches the keymap currently active in this text component.

[getKeymap\(String\)](#) - Static method in class `javax.swing.text.JTextComponent`  
 Fetches a named keymap previously added to the document.

[getKeymapName\(\)](#) - Method in class `javax.swing.plaf.basic.BasicTextUI`  
 Fetches the name of the keymap that will be installed/used by default for this UI.

[getKeyModifiersText\(int\)](#) - Static method in class `java.awt.event.KeyEvent`  
 Returns a String describing the modifier key(s), such as "Shift", or "Ctrl+Shift".

[getKeys\(\)](#) - Method in class `java.util.ResourceBundle`  
 Return an enumeration of the keys.

[getKeys\(\)](#) - Method in class `java.util.PropertyResourceBundle`  
 Implementation of  `ResourceBundle.getKeys()`.

[getKeys\(\)](#) - Method in class `java.util.ListResourceBundle`  
 Implementation of  `ResourceBundle.getKeys()`.

[getKeys\(\)](#) - Method in class `javax.swing.AbstractAction`  
 Returns an array of Objects which are keys for which values have been set for this AbstractAction, or null if no keys have values set.

[getKeySelectionManager\(\)](#) - Method in class `javax.swing.JComboBox`  
 Returns the list's key-selection manager.

[getKeysize\(\)](#) - Method in class `java.security.spec.RSAKeyGenParameterSpec`  
 Returns the keysize.

[getKeySpec\(Key, Class\)](#) - Method in class `java.security.KeyFactory`  
 Returns a specification (key material) of the given key object.

[getKeyStroke\(char\)](#) - Static method in class `javax.swing.KeyStroke`  
 Return a shared instance of a key stroke that is activated when the key is pressed (that is, a KeyStroke for the KEY\_TYPED event).

[getKeyStroke\(Character, int\)](#) - Static method in class `javax.swing.KeyStroke`  
 Return a shared instance of a key stroke, given a character object and a set of modifiers.

[getKeyStroke\(char, boolean\)](#) - Static method in class `javax.swing.KeyStroke`  
 Deprecated. use  `getKeyStroke(char)`

[getKeyStroke\(int, int\)](#) - Static method in class `javax.swing.KeyStroke`  
 Return a shared instance of a key stroke given a char code and a set of modifiers -- the key is activated when it is pressed.

[getKeyStroke\(int, int, boolean\)](#) - Static method in class `javax.swing.KeyStroke`  
 Return a shared instance of a key stroke given a numeric keycode and a set of modifiers, specifying whether the key is activated when it is pressed or released.

[getKeyStroke\(String\)](#) - Static method in class `javax.swing.KeyStroke`  
 Parse a string and return a KeyStroke.

[getKeyStrokeForEvent\(KeyEvent\)](#) - Static method in class `javax.swing.KeyStroke`  
 Return a keystroke from an event.

[getKeyStrokesForAction\(Action\)](#) - Method in interface `javax.swing.text.Keymap`  
 Fetches the keystrokes that will result in the given action.

[getKeyText\(int\)](#) - Static method in class `java.awt.event.KeyEvent`  
 Returns a String describing the keyCode, such as "HOME", "F1" or "A".

[getKeyUsage\(\)](#) - Method in class `java.security.cert.X509Certificate`  
 Gets a boolean array representing bits of the KeyUsage extension, (OID = 2.5.29.15).

[getLabel\(\)](#) - Method in class `java.awt.MenuItem`  
 Gets the label for this menu item.

getLabel() - Method in class `java.awt.Checkbox`  
    Gets the label of this check box.

getLabel() - Method in class `java.awt.Button`  
    Gets the label of this button.

getLabel() - Method in class `javax.swing.AbstractButton`  
    Deprecated. - *Replaced by getText*

getLabel() - Method in class `javax.swing.JPopupMenu`  
    Returns the popup menu's label

getLabel() - Method in class `javax.swing.text.html.Option`  
    Fetch the label associated with the option.

getLabelFor() - Method in class `javax.swing.JLabel`  
    Get the component this is labelling.

getLabelTable() - Method in class `javax.swing.JSlider`  
    Returns the dictionary of what labels to draw at which values.

getLanguage() - Method in class `java.util.Locale`  
    Returns the language code for this locale, which will either be the empty string or a lowercase ISO 639 code.

getLargeDisplayIcon() - Method in class `javax.swing.colorchooser.AbstractColorChooserPanel`  
    Returns the small display icon for the panel.

getLast() - Method in class `java.util.LinkedList`  
    Returns the last element in this list.

getLastChild() - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
    Returns this node's last child.

getLastChildPath(TreePath) - Method in class `javax.swing.plaf.basic.BasicTreeUI`  
    Returns a path to the last child of parent.

getLastColumn() - Method in interface `javax.accessibility.AccessibleTableModelChange`  
    Returns the last column that changed.

getLastColumn() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableModelChange`

getLastComponent(Container) - Method in class `javax.swing.DefaultFocusManager`  
    Return the last component that should receive the focus

getLastDividerLocation() - Method in class `javax.swing.JSplitPane`  
    Returns the last location the divider was at.

getLastDragLocation() - Method in class `javax.swing.plaf.basic.BasicSplitPaneUI`  
    Returns the last drag location of the JSplitPane.

getLastIndex() - Method in class `javax.swing.event.ListSelectionEvent`  
    Returns the index of the last row whose selection may have changed.

getLastLeaf() - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
    Finds and returns the last leaf that is a descendant of this node -- either this node or its last child's last leaf.

getLastModified() - Method in class `java.net.URLConnection`  
    Returns the value of the last-modified header field.

getLastPathComponent() - Method in class `javax.swing.tree.TreePath`  
    Returns the last component of this path.

getLastRow() - Method in interface `javax.accessibility.AccessibleTableModelChange`  
    Returns the last row that changed.

getLastRow() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableModelChange`

getLastRow() - Method in class `javax.swing.event.TableModelEvent`  
    Returns the last row that changed.

getLastSelectedPathComponent() - Method in class `javax.swing.JTree`  
    Returns the last path component in the first node of the current selection.

getLastVisibleIndex() - Method in class `javax.swing.JList`  
    Returns the index of the cell in the lower right corner of the JList or -1 if nothing is visible or the list is empty.

getLatency() - Method in interface `javax.sound.midi.Synthesizer`  
    Obtains the processing latency incurred by this synthesizer, expressed in microseconds.

[getLateReflectionDelay\(\)](#) - Method in class javax.sound.sampled.ReverbType  
    Returns the late reflection delay time in microseconds.

[getLateReflectionIntensity\(\)](#) - Method in class javax.sound.sampled.ReverbType  
    Returns the late reflection intensity in microseconds.

[getLayer\(\)](#) - Method in class javax.swing.JInternalFrame  
    Convenience method for getting the layer attribute of this component.

[getLayer\(Component\)](#) - Method in class javax.swing.JLayeredPane  
    Returns the layer attribute for the specified Component.

[getLayer\(JComponent\)](#) - Static method in class javax.swing.JLayeredPane  
    Gets the layer property for a JComponent, it does not cause any side effects like setLayer().

[getLayeredPane\(\)](#) - Method in class javax.swing.JWindow  
    Returns the layeredPane object for this window.

[getLayeredPane\(\)](#) - Method in class javax.swing.JApplet  
    Returns the layeredPane object for this applet.

[getLayeredPane\(\)](#) - Method in class javax.swing.JInternalFrame  
    Returns the layeredPane object for this frame.

[getLayeredPane\(\)](#) - Method in class javax.swing.JFrame  
    Returns the layeredPane object for this frame.

[getLayeredPane\(\)](#) - Method in interface javax.swing.RootPaneContainer  
    Returns the layeredPane.

[getLayeredPane\(\)](#) - Method in class javax.swing.JRootPane  
    Get the layered pane used by the root pane.

[getLayeredPane\(\)](#) - Method in class javax.swing.JDialog  
    Returns the layeredPane object for this dialog.

[getLayeredPaneAbove\(Component\)](#) - Static method in class javax.swing.JLayeredPane  
    Convenience method that returns the first JLayeredPane which contains the specified component.

[getLayout\(\)](#) - Method in class java.awt.Container  
    Gets the layout manager for this container.

[getLayout\(int, int\)](#) - Method in class java.awt.font.TextMeasurer  
    Returns a TextLayout on the given character range.

[getLayoutAlignmentX\(Container\)](#) - Method in interface java.awt.LayoutManager2  
    Returns the alignment along the x axis.

[getLayoutAlignmentX\(Container\)](#) - Method in class java.awt.CardLayout  
    Returns the alignment along the x axis.

[getLayoutAlignmentX\(Container\)](#) - Method in class java.awt.BorderLayout  
    Returns the alignment along the x axis.

[getLayoutAlignmentX\(Container\)](#) - Method in class java.awt.GridBagLayout  
    Returns the alignment along the x axis.

[getLayoutAlignmentX\(Container\)](#) - Method in class javax.swing.BoxLayout  
    Returns the alignment along the X axis for the container.

[getLayoutAlignmentX\(Container\)](#) - Method in class javax.swing.OverlayLayout  
    Returns the alignment along the x axis for the container.

[getLayoutAlignmentX\(Container\)](#) - Method in class javax.swing.JRootPane.RootLayout

[getLayoutAlignmentX\(Container\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager  
    Returns the alignment along the x axis.

[getLayoutAlignmentY\(Container\)](#) - Method in interface java.awt.LayoutManager2  
    Returns the alignment along the y axis.

[getLayoutAlignmentY\(Container\)](#) - Method in class java.awt.CardLayout  
    Returns the alignment along the y axis.

[getLayoutAlignmentY\(Container\)](#) - Method in class java.awt.BorderLayout  
    Returns the alignment along the y axis.

[getLayoutAlignmentY\(Container\)](#) - Method in class java.awt.GridBagLayout  
    Returns the alignment along the y axis.

[getLayoutAlignmentY\(Container\)](#) - Method in class javax.swing.BoxLayout  
    Returns the alignment along the Y axis for the container.

[getLayoutAlignmentY\(Container\)](#) - Method in class javax.swing.OverlayLayout  
    Returns the alignment along the y axis for the container.

[getLayoutAlignmentY\(Container\)](#) - Method in class javax.swing.JRootPane.RootLayout

[getLayoutAlignmentY\(Container\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager  
    Returns the alignment along the y axis.

[getLayoutDimensions\(\)](#) - Method in class java.awt.GridBagLayout  
    Determines column widths and row heights for the layout grid.

[GetLayoutInfo\(Container, int\)](#) - Method in class java.awt.GridBagLayout  
    Print the layout constraints.

[getLayoutOrigin\(\)](#) - Method in class java.awt.GridBagLayout  
    Determines the origin of the layout grid.

[getLayoutQueue\(\)](#) - Method in class javax.swing.text.AsyncBoxView  
    Fetch the queue to use for layout.

[getLayoutView\(int\)](#) - Method in class javax.swing.text.ParagraphView  
    The child views of the paragraph are rows which have been used to arrange pieces of the Views that represent the child elements.

[getLayoutViewCount\(\)](#) - Method in class javax.swing.text.ParagraphView  
    The child views of the paragraph are rows which have been used to arrange pieces of the Views that represent the child elements.

[getLayoutWeights\(\)](#) - Method in class java.awt.GridBagLayout  
    Determines the weights of the layout grid's columns and rows.

[getLeader\(\)](#) - Method in class javax.swing.text.TabStop

[getLeading\(\)](#) - Method in class java.awt.FontMetrics  
    Determines the *standard leading* of the Font described by this FontMetrics object.

[getLeading\(\)](#) - Method in class java.awt.font.TextLayout  
    Returns the leading of the TextLayout.

[getLeading\(\)](#) - Method in class java.awt.font.LineMetrics  
    Returns the leading of the text.

[getLeadSelectionIndex\(\)](#) - Method in class javax.swing.DefaultListSelectionModel

[getLeadSelectionIndex\(\)](#) - Method in class javax.swing.JList  
    Returns the second index argument from the most recent addSelectionInterval or setSelectionInterval call.

[getLeadSelectionIndex\(\)](#) - Method in interface javax.swing.ListSelectionModel  
    Return the second index argument from the most recent call to setSelectionInterval(), addSelectionInterval() or removeSelectionInterval().

[getLeadSelectionPath\(\)](#) - Method in class javax.swing.JTree  
    Returns the path identified as the lead.

[getLeadSelectionPath\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the last path that was added.

[getLeadSelectionPath\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the last path that was added.

[getLeadSelectionRow\(\)](#) - Method in class javax.swing.JTree  
    Returns the row index corresponding to the lead path.

[getLeadSelectionRow\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the lead selection index.

[getLeadSelectionRow\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the lead selection index.

[getLeafCount\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
    Returns the total number of leaves that are descendants of this node.

[getLeafIcon\(\)](#) - Method in class javax.swing.tree.DefaultTreeCellRenderer  
    Returns the icon used to represent leaf nodes.

[getLeastMaximum\(int\)](#) - Method in class java.util.Calendar  
    Gets the lowest maximum value for the given field if varies.

getLeastMaximum(int) - Method in class java.util.GregorianCalendar  
    Returns lowest maximum value for the given field if varies.

getLeftChildIndent() - Method in class javax.swing.plaf.basic.BasicTreeUI

getLeftComponent() - Method in class javax.swing.JSplitPane  
    Returns the component to the left (or above) the divider.

getLeftIndent(AttributeSet) - Static method in class javax.swing.text.StyleConstants  
    Gets the left indent setting.

getLeftInset() - Method in class javax.swing.text.CompositeView  
    Gets the left inset.

getLeftInset() - Method in class javax.swing.text.AsyncBoxView  
    Get the left part of the margin around the view.

getLength() - Method in class java.net.DatagramPacket  
    Returns the length of the data to be sent or the length of the data received.

getLength() - Method in class javax.sound.midi.MidiMessage  
    Obtains the total length of the MIDI message in bytes.

getLength() - Method in interface javax.swing.event.DocumentEvent  
    Returns the length of the change.

getLength() - Method in interface javax.swing.text.Document  
    Returns number of characters of content currently in the document.

getLength() - Method in class javax.swing.text.AbstractDocument  
    Returns the length of the data.

getLength() - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent  
    Returns the length of the change.

getLength() - Method in class javax.swing.text.DefaultStyledDocument.ElementSpec  
    Gets the length.

getLength(Object) - Static method in class java.lang.reflect.Array  
    Returns the length of the specified array object, as an int.

getLevel() - Method in interface javax.sound.sampled.DataLine  
    Obtains the current volume level for the line.

getLevel() - Method in class javax.swing.tree.DefaultMutableTreeNode  
    Returns the number of levels above this node -- the distance from the root to this node.

getLimit() - Method in class javax.swing.undo.UndoManager  
    Returns the maximum number of edits this UndoManager will hold.

getLimits() - Method in class java.text.ChoiceFormat  
    Get the limits passed in the constructor.

getLine() - Method in class javax.sound.sampled.LineEvent  
    Obtains the audio line that is the source of this event.

getLine(Line.Info) - Method in interface javax.sound.sampled.Mixer  
    Obtains a line that is available for use and that matches the description in the specified Line.Info object.

getLine(Line.Info) - Static method in class javax.sound.sampled.AudioSystem  
    Obtains a line that matches the description in the specified Line.Info object.

getLineBreakIndex(int, float) - Method in class java.awt.font.TextMeasurer  
    Returns the index of the first character which will not fit on on a line which begins at start and may be up to maxAdvance in graphical width.

getLineBuffer() - Method in class javax.swing.text.PlainView  
    Gives access to a buffer that can be used to fetch text from the associated document.

getLineBuffer() - Method in class javax.swing.text.WrappedPlainView  
    Gives access to a buffer that can be used to fetch text from the associated document.

getLineClass() - Method in class javax.sound.sampled.Line.Info  
    Obtains the class of the line that this Line.Info object describes.

getLineColor() - Method in class javax.swing.border.LineBorder  
    Returns the color of the border.

getLineCount() - Method in class javax.swing.JTextArea  
    Determines the number of lines contained in the area.

getLineEndOffset(int) - Method in class javax.swing.JTextArea

Determines the offset of the end of the given line.

[getLineIncrement\(\)](#) - Method in class `java.awt.Scrollbar`  
    Deprecated. As of JDK version 1.1, replaced by `getUnitIncrement()`.

[getLineInfo\(\)](#) - Method in interface `javax.sound.sampled.Line`  
    Obtains the Line.Info object describing this line.

[getLineInstance\(\)](#) - Static method in class `java.text.BreakIterator`  
    Create BreakIterator for line-breaks using default locale.

[getLineInstance\(Locale\)](#) - Static method in class `java.text.BreakIterator`  
    Create BreakIterator for line-breaks using specified locale.

[getLineJoin\(\)](#) - Method in class `java.awt.BasicStroke`  
    Returns the line join style.

[getLineLength\(\)](#) - Method in class `javax.swing.text.AbstractWriter`  
    Returns the maximum line length.

[getLineMetrics\(char\[\], int, int, FontRenderContext\)](#) - Method in class `java.awt.Font`  
    Returns a LineMetrics object created with the specified arguments.

[getLineMetrics\(char\[\], int, int, Graphics\)](#) - Method in class `java.awt.FontMetrics`  
    Returns the LineMetrics object for the specified character array in the specified `Graphics` context.

[getLineMetrics\(CharacterIterator, int, int, FontRenderContext\)](#) - Method in class `java.awt.Font`  
    Returns a LineMetrics object created with the specified arguments.

[getLineMetrics\(CharacterIterator, int, int, Graphics\)](#) - Method in class `java.awt.FontMetrics`  
    Returns the LineMetrics object for the specified `CharacterIterator` in the specified `Graphics` context.

[getLineMetrics\(String, FontRenderContext\)](#) - Method in class `java.awt.Font`  
    Returns a LineMetrics object created with the specified String and `FontRenderContext`.

[getLineMetrics\(String, Graphics\)](#) - Method in class `java.awt.FontMetrics`  
    Returns the LineMetrics object for the specified String in the specified `Graphics` context.

[getLineMetrics\(String, int, int, FontRenderContext\)](#) - Method in class `java.awt.Font`  
    Returns a LineMetrics object created with the specified arguments.

[getLineMetrics\(String, int, int, Graphics\)](#) - Method in class `java.awt.FontMetrics`  
    Returns the LineMetrics object for the specified String in the specified `Graphics` context.

[getLineNumber\(\)](#) - Method in class `java.io.LineNumberReader`  
    Get the current line number.

[getLineNumber\(\)](#) - Method in class `java.io.LineNumberInputStream`  
    Deprecated. Returns the current line number.

[getLineOffset\(int\)](#) - Method in class `javax.swing.JTextArea`  
    Translates an offset into the components text to a line number.

[getLineSeparator\(\)](#) - Method in class `javax.swing.text.AbstractWriter`  
    Returns the string used to represent newlines.

[getLineSpacing\(AttributeSet\)](#) - Static method in class `javax.swing.text.StyleConstants`  
    Gets the line spacing setting.

[getLineStartOffset\(int\)](#) - Method in class `javax.swing.JTextArea`  
    Determines the offset of the start of the given line.

[getLineWidth\(\)](#) - Method in class `java.awt.BasicStroke`  
    Returns the line width.

[getLineWrap\(\)](#) - Method in class `javax.swing.JTextArea`  
    Gets the line-wrapping policy of the text area.

[getLink\(int\)](#) - Method in interface `javax.accessibility.AccessibleHypertext`  
    Returns the nth Link of this Hypertext document.

[getLink\(int\)](#) - Method in class `javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport`  
    Returns the index into an array of hyperlinks that index.

[getLinkCount\(\)](#) - Method in interface `javax.accessibility.AccessibleHypertext`  
    Returns the number of links within this hypertext document.

[getLinkCount\(\)](#) - Method in class `javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport`  
    Returns the number of links within this hypertext doc.

[getLinkCursor\(\)](#) - Method in class `javax.swing.text.html.HTMLEditorKit`  
    Returns the cursor to use over hyper links.

getLinkExplanation() - Method in class javax.naming.LinkException

Retrieves the explanation associated with the problem encountered when resolving a link.

getLinkIndex(int) - Method in interface javax.accessibility.AccessibleHypertext

Returns the index into an array of hyperlinks that is associated with this character index, or -1 if there is no hyperlink associated with this index.

getLinkIndex(int) - Method in class javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport

Returns the index into an array of hyperlinks that is associated with this character index, or -1 if there is no hyperlink associated with this index.

getLinkName() - Method in class javax.naming.LinkRef

Retrieves the name of this link.

getLinkRemainingName() - Method in class javax.naming.LinkException

Retrieves the remaining unresolved portion of the link name.

getLinkResolvedName() - Method in class javax.naming.LinkException

Retrieves the leading portion of the link name that was resolved successfully.

getLinkResolvedObj() - Method in class javax.naming.LinkException

Retrieves the object to which resolution was successful.

getLinkText(int) - Method in class javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport

Returns the contiguous text within the document that is associated with this hyperlink.

getList() - Method in class javax.swing.plaf.basic.BasicComboPopup

Implementation of ComboPopup.getList().

getList() - Method in interface javax.swing.plaf.basic.ComboPopup

Returns the list that is being used to draw the items in the JComboBox.

getListCellRendererComponent(JList, Object, int, boolean, boolean) - Method in class javax.swing.DefaultListCellRenderer

getListCellRendererComponent(JList, Object, int, boolean, boolean) - Method in interface javax.swing.ListCellRenderer

Return a component that has been configured to display the specified value.

getListCellRendererComponent(JList, Object, int, boolean, boolean) - Method in class javax.swing.plaf.basic.BasicComboBoxRenderer

getListCellRendererComponent(JList, Object, int, boolean, boolean) - Method in class javax.swing.plaf.metal.MetalFileChooserUI.FileRenderer

getListCellRendererComponent(JList, Object, int, boolean, boolean) - Method in class javax.swing.plaf.metal.MetalFileChooserUI.FilterComboBoxRenderer

getListenerCount() - Method in class javax.swing.event.EventListenerList

Returns the total number of listeners for this listener list.

getListenerCount(Class) - Method in class javax.swing.event.EventListenerList

Returns the total number of listeners of the supplied type for this listener list.

getListenerList() - Method in class javax.swing.event.EventListenerList

Passes back the event listener list as an array of ListenerType-listener pairs.

getListenerMethodDescriptors() - Method in class java.beans.EventSetDescriptor

Gets the MethodDescriptors of the target listener interface.

getListenerMethods() - Method in class java.beans.EventSetDescriptor

Gets the methods of the target listener interface.

getListeners(Class) - Method in class java.awt.Component

Return an array of all the listeners that were added to the Component with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.Container

Return an array of all the listeners that were added to the Container with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.Scrollbar

Return an array of all the listeners that were added to the Scrollbar with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.MenuItem

Return an array of all the listeners that were added to the MenuItem with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.Checkbox  
Return an array of all the listeners that were added to the Checkbox with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.Window  
Return an array of all the listeners that were added to the Window with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.List  
Return an array of all the listeners that were added to the List with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.TextComponent  
Return an array of all the listeners that were added to the TextComponent with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.Choice  
Return an array of all the listeners that were added to the Choice with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.TextField  
Return an array of all the listeners that were added to the TextField with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.Button  
Return an array of all the listeners that were added to the Button with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class java.awt.CheckboxMenuItem  
Return an array of all the listeners that were added to the CheckboxMenuItem with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class javax.swing.DefaultSingleSelectionModel  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.JComponent  
Return an array of all the listeners that were added to this JComponent with addXXXListener(), where XXX is the name of the listenerType argument.

getListeners(Class) - Method in class javax.swing.DefaultBoundedRangeModel  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.AbstractListModel  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.DefaultListSelectionModel  
Returns an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.Timer  
Return an array of all the listeners of the given type that were added to this timer.

getListeners(Class) - Method in class javax.swing.DefaultButtonModel  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.event.EventListenerList  
Return an array of all the listeners of the given type.

getListeners(Class) - Method in class javax.swing.table.AbstractTableModel  
Returns an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.table.DefaultTableColumnModel  
Returns an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.text.StyleContext.NamedStyle  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.text.AbstractDocument  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.text.DefaultCaret  
Return an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
Returns an array of all the listeners of the given type that were added to this model.

getListeners(Class) - Method in class javax.swing.tree.DefaultTreeModel  
Return an array of all the listeners of the given type that were added to this model.

getListenerType() - Method in class java.beans.EventSetDescriptor  
    Gets the Class object for the target interface.

getListPainter(AttributeSet) - Method in class javax.swing.text.html.StyleSheet  
    Fetches the list formatter to use for the given set of CSS attributes.

getLoadedInstruments() - Method in interface javax.sound.midi.Synthesizer  
    Obtains a list of the instruments that are currently loaded onto this Synthesizer.

getLocalAddress() - Method in class java.net.DatagramSocket  
    Gets the local address to which the socket is bound.

getLocalAddress() - Method in class java.net.Socket  
    Gets the local address to which the socket is bound.

getLocalBounds(Component) - Static method in class javax.swing.SwingUtilities  
    Return the rectangle (0,0,bounds.width,bounds.height) for the component aComponent

getLocale() - Method in class java.applet.Applet  
    Gets the Locale for the applet, if it has been set.

getLocale() - Method in class java.awt.Component  
    Gets the locale of this component.

getLocale() - Method in class java.awt.Component.AccessibleAWTComponent  
    Return the locale of this object.

getLocale() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
    Return the locale of this object.

getLocale() - Method in class java.awt.Window  
    Gets the Locale object that is associated with this window, if the locale has been set.

getLocale() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild  
    Gets the locale of the component.

getLocale() - Method in class java.awt.im.InputContext  
    Returns the current locale of the current input method.

getLocale() - Method in interface java.awt.im.spi.InputMethod  
    Returns the current input locale.

getLocale() - Method in class java.beans.beancontext.BeanContextSupport  
    Gets the locale for this BeanContext.

getLocale() - Method in class java.text.MessageFormat  
    Gets the locale.

getLocale() - Method in class java.util.ResourceBundle  
    Return the Locale for this ResourceBundle.

getLocale() - Method in class javax.accessibility.AccessibleContext  
    Gets the locale of the component.

getLocale() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild  
    Gets the locale of the component.

getLocale() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode  
    Gets the locale of the component.

getLocale() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell  
    Gets the locale of the component.

getLocale() - Method in class javax.swing.ImageIcon.AccessibleImageIcon  
    Returns the locale of this object.

getLocale() - Method in class javax.swing.table.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getLocalGraphicsEnvironment() - Static method in class java.awt.GraphicsEnvironment  
    Returns the local GraphicsEnvironment.

getLocalHost() - Static method in class java.net.InetAddress  
    Returns the local host.

getLocalizedInputStream(InputStream) - Method in class java.lang.Runtime  
    Deprecated. As of JDK 1.1, the preferred way translate a byte stream in the local encoding  
    into a character stream in Unicode is via the InputStreamReader and BufferedReader classes.

getLocalizedMessage() - Method in class java.lang.Throwable  
    Creates a localized description of this Throwable.

getLocalizedOutputStream(OutputStream) - Method in class java.lang.Runtime

*Deprecated. As of JDK 1.1, the preferred way to translate a Unicode character stream into a byte stream in the local encoding is via the OutputStreamWriter, BufferedWriter, and PrintWriter classes.*

getLocalPatternChars() - Method in class `java.text.DateFormatSymbols`

Gets localized date-time pattern characters.

getLocalPort() - Method in class `java.net DatagramSocket`

Returns the port number on the local host to which this socket is bound.

getLocalPort() - Method in class `java.net SocketImpl`

Returns the value of this socket's localport field.

getLocalPort() - Method in class `java.net Socket`

Returns the local port to which this socket is bound.

getLocalPort() - Method in class `java.net ServerSocket`

Returns the port on which this socket is listening.

getLocalPort() - Method in class `java.net DatagramSocketImpl`

Gets the local port.

getLocation() - Method in class `java.awt Component`

Gets the location of this component in the form of a point specifying the component's top-left corner.

getLocation() - Method in class `java.awt Component.AccessibleAWTComponent`

Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

getLocation() - Method in class `java.awt MenuComponent.AccessibleAWTMenuComponent`

Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

getLocation() - Method in class `java.awt Point`

Returns the location of this point.

getLocation() - Method in class `java.awt List.AccessibleAWTList.AccessibleAWTListChild`

Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

getLocation() - Method in class `java.awt Rectangle`

Returns the location of this Rectangle.

getLocation() - Method in class `java.awt.dnd DropTargetDropEvent`

This method returns a Point indicating the Cursor's current location in the Component's coordinates.

getLocation() - Method in class `java.awt.dnd DropTargetDragEvent`

This method returns a Point indicating the Cursor's current location within the Component's coordinates.

getLocation() - Method in class `java.rmi.activation ActivationGroupDesc`

Returns the group's code location.

getLocation() - Method in class `java.rmi.activation ActivationDesc`

Returns the code location for the object specified by this descriptor.

getLocation() - Method in class `java.security CodeSource`

Returns the location associated with this CodeSource..

getLocation() - Method in interface `javax.accessibility AccessibleComponent`

Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

getLocation() - Method in class `javax.swing JList.AccessibleJList.AccessibleJListChild`

getLocation() - Method in class `javax.swing JTree.AccessibleJTree.AccessibleJTreeNode`

getLocation() - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableCell`

Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

getLocation() - Method in class  
`javax.swing.table JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry`

getLocation(Point) - Method in class `java.awt Component`

Store the x,y origin of this component into "return value" rv and return rv.

getLocation(Point) - Method in class javax.swing.JComponent  
Stores the x,y origin of this component into "return value" rv and returns rv.

getLocationInJTree() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

getLocationOffset(int, int) - Method in interface java.awt.im.InputMethodRequests  
Gets the offset within the composed text for the specified absolute x and y coordinates on the screen.

getLocationOnScreen() - Method in class java.awt.Component  
Gets the location of this component in the form of a point specifying the component's top-left corner in the screen's coordinate space.

getLocationOnScreen() - Method in class java.awt.Component.AccessibleAWTComponent  
Returns the location of the object on the screen.

getLocationOnScreen() - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
Returns the location of the object on the screen.

getLocationOnScreen() - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild  
Returns the location of the object on the screen.

getLocationOnScreen() - Method in interface javax.accessibility.AccessibleComponent  
Returns the location of the object on the screen.

getLocationOnScreen() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getLocationOnScreen() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

getLocationOnScreen() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell  
Returns the location of the object on the screen.

getLocationOnScreen() - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getLockingKeyState(int) - Method in class java.awt.Toolkit  
Returns whether the given locking key on the keyboard is currently in its "on" state.

getLog() - Static method in class java.rmi.server.RemoteServer  
Returns stream for the RMI call log.

getLogicalBounds() - Method in class java.awt.font.GlyphVector  
Returns the logical bounds of this GlyphVector.

getLogicalHighlightShape(int, int) - Method in class java.awt.font.TextLayout  
Returns a Shape enclosing the logical selection in the specified range, extended to the natural bounds of this TextLayout.

getLogicalHighlightShape(int, int, Rectangle2D) - Method in class java.awt.font.TextLayout  
Returns a Shape enclosing the logical selection in the specified range, extended to the specified bounds.

getLogicalRangesForVisualSelection(TextHitInfo, TextHitInfo) - Method in class java.awt.font.TextLayout  
Returns the logical ranges of text corresponding to a visual selection.

getLogicalStyle() - Method in class javax.swing.JTextPane  
Fetches the logical style assigned to the paragraph represented by the current position of the caret, or null.

getLogicalStyle(int) - Method in interface javax.swing.text.StyledDocument  
Gets a logical style for a given position in a paragraph.

getLogicalStyle(int) - Method in class javax.swing.text.DefaultStyledDocument  
Fetches the logical style assigned to the paragraph represented by the given position.

getLogicalView(FlowView) - Method in class javax.swing.text.FlowView.FlowStrategy  
This method gives flow strategies access to the logical view of the FlowView.

getLoginTimeout() - Static method in class java.sql.DriverManager  
Gets the maximum time in seconds that a driver can wait when attempting to log in to a database.

getLogStream() - Static method in class java.sql.DriverManager  
Deprecated.

[getLogTimers\(\)](#) - Static method in class `javax.swing.Timer`  
    Returns true if logging is enabled.

[getLogWriter\(\)](#) - Static method in class `java.sql.DriverManager`  
    Gets the log writer.

[getLong\(int\)](#) - Method in interface `java.sql.CallableStatement`  
    Gets the value of a JDBC BIGINT parameter as a long in the Java programming language.

[getLong\(int\)](#) - Method in interface `java.sql.ResultSet`  
    Gets the value of the designated column in the current row of this ResultSet object as a long in the Java programming language.

[getLong\(Object\)](#) - Method in class `java.lang.reflect.Field`  
    Gets the value of a field as a long on the specified object.

[getLong\(Object, int\)](#) - Static method in class `java.lang.reflect.Array`  
    Returns the value of the indexed component in the specified array object, as a long.

[getLong\(String\)](#) - Static method in class `java.lang.Long`  
    Determines the long value of the system property with the specified name.

[getLong\(String\)](#) - Method in interface `java.sql.ResultSet`  
    Gets the value of the designated column in the current row of this ResultSet object as a long in the Java programming language.

[getLong\(String, long\)](#) - Static method in class `java.lang.Long`  
    Determines the long value of the system property with the specified name.

[getLong\(String, Long\)](#) - Static method in class `java.lang.Long`  
    Returns the long value of the system property with the specified name.

[getLongParameter\(int\)](#) - Method in class `java.awt.image.renderable.ParameterBlock`  
    A convenience method to return a parameter as a long.

[getLookAndFeel\(\)](#) - Static method in class `javax.swing.UIManager`  
    Returns The current default look and feel, or null.

[getLookAndFeelDefaults\(\)](#) - Static method in class `javax.swing.UIManager`  
    Returns the default values for this look and feel.

[getLoweredBevelBorderUIResource\(\)](#) - Static method in class `javax.swing.plaf.BorderUIResource`

[getLowestSetBit\(\)](#) - Method in class `java.math.BigInteger`  
    Returns the index of the rightmost (lowest-order) one bit in this BigInteger (the number of zero bits to the right of the rightmost one bit).

[getLowestValueLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
    Returns the label that corresponds to the highest slider value in the label table.

[getLSB\(\)](#) - Method in class `java.awt.font.GlyphMetrics`  
    Returns the left (top) side bearing of the glyph.

[getMagicCaretPosition\(\)](#) - Method in class `javax.swing.text.DefaultCaret`  
    Gets the saved caret position.

[getMagicCaretPosition\(\)](#) - Method in interface `javax.swing.text.Caret`  
    Gets the current caret visual location.

[getMainAttributes\(\)](#) - Method in class `java.net.JarURLConnection`  
    Returns the main Attributes for the JAR file for this connection.

[getMainAttributes\(\)](#) - Method in class `java.util.jar.Manifest`  
    Returns the main Attributes for the Manifest.

[getMajorAxis\(\)](#) - Method in class `javax.swing.text.AsyncBoxView`  
    Fetch the major axis (the axis the children are tiled along).

[getMajorOffset\(\)](#) - Method in class `javax.swing.text.AsyncBoxView.ChildState`  
    Get the offset along the major axis

[getMajorSpan\(\)](#) - Method in class `javax.swing.text.AsyncBoxView.ChildState`  
    What is the span along the major axis.

[getMajorTickSpacing\(\)](#) - Method in class `javax.swing.JSlider`  
    This method returns the major tick spacing.

[getMajorVersion\(\)](#) - Method in class `java.awt.color.ICC_Profile`  
    Returns profile major version.

[getMajorVersion\(\)](#) - Method in interface `java.sql.Driver`  
    Gets the driver's major version number.

getManifest() - Method in class java.net.JarURLConnection  
    Returns the Manifest for this connection, or null if none.

getManifest() - Method in class java.util.jar.JarInputStream  
    Returns the Manifest for this JAR file, or null if none.

getManifest() - Method in class java.util.jar.JarFile  
    Returns the JAR file manifest, or null if none.

getMapSize() - Method in class java.awt.image.IndexColorModel  
    Returns the size of the color/alpha component arrays in this IndexColorModel.

getMargin() - Method in class javax.swing.AbstractButton  
    Returns the margin between the button's border and the label.

getMargin() - Method in class javax.swing.JPopupMenu  
    Returns the margin, in pixels, between the popup menu's border and its containees.

getMargin() - Method in class javax.swing.JToolBar  
    Returns the margin between the toolbar's border and its buttons.

getMargin() - Method in class javax.swing.JMenuBar  
    Returns the margin between the menubar's border and its menus.

getMargin() - Method in class javax.swing.text.JTextComponent  
    Returns the margin between the text component's border and its text.

getMark() - Method in class javax.swing.event.CaretEvent  
    Fetches the location of other end of a logical selection.

getMark() - Method in class javax.swing.text.DefaultCaret  
    Fetches the current position of the mark.

getMark() - Method in interface javax.swing.text.Caret  
    Fetches the current position of the mark.

getMask(int) - Method in class java.awt.image.PackedColorModel  
    Returns the mask indicating which bits in a pixel contain the specified color/alpha sample.

getMasks() - Method in class java.awt.image.PackedColorModel  
    Returns a mask array indicating which bits in a pixel contain the color and alpha samples.

getMasterSyncMode() - Method in interface javax.sound.midi.Sequencer  
    Obtains the current master synchronization mode for this sequencer.

getMasterSyncModes() - Method in interface javax.sound.midi.Sequencer  
    Obtains the set of master synchronization modes supported by this sequencer.

getMatrix() - Method in class java.awt.color.ICC\_ProfileRGB  
    Returns a 3x3 float matrix constructed from the X, Y, and Z components of the redColorantTag, greenColorantTag, and blueColorantTag in the ICC profile, as described above.

getMatrix() - Method in class java.awt.image.BandCombineOp  
    Returns the matrix.

getMatrix() - Method in class java.awt.print.PageFormat  
    Returns a transformation matrix that translates user space rendering to the requested orientation of the page.

getMatrix(double[]) - Method in class java.awt.geom.AffineTransform  
    Retrieves the 6 specifiable values in the 3x3 affine transformation matrix and places them into an array of double precision values.

getMatteColor() - Method in class javax.swing.border.MatteBorder  
    Returns the color used for tiling the border or null if a tile icon is being used.

getMaxAdvance() - Method in class java.awt.FontMetrics  
    Gets the maximum advance width of any character in this Font.

getMaxAscent() - Method in class java.awt.FontMetrics  
    Determines the maximum ascent of the Font described by this FontMetrics object.

getMaxBinaryLiteralLength() - Method in interface java.sql.DatabaseMetaData  
    How many hex characters can you have in an inline binary literal?

getMaxBufferSize() - Method in class javax.sound.sampled.DataLine.Info  
    Obtains the maximum buffer size supported by the data line.

getMaxCatalogNameLength() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum length of a catalog name?

getMaxCharactersPerLineCount() - Method in class javax.swing.JOptionPanePane  
    Returns the maximum number of characters to place on a line in a message.

getMaxCharactersPerLineCount() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI  
    Returns the maximum number of characters to place on a line.

getMaxCharBounds(FontRenderContext) - Method in class java.awt.Font  
    Returns the bounds for the character with the maximum bounds as defined in the specified FontRenderContext.

getMaxCharBounds(Graphics) - Method in class java.awt.FontMetrics  
    Returns the bounds for the character with the maximum bounds in the specified Graphics context.

getMaxCharLiteralLength() - Method in interface java.sql.DatabaseMetaData  
    What's the max length for a character literal?

getMaxColumnNameLength() - Method in interface java.sql.DatabaseMetaData  
    What's the limit on column name length?

getMaxColumnsInGroupBy() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum number of columns in a "GROUP BY" clause?

getMaxColumnsInIndex() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum number of columns allowed in an index?

getMaxColumnsInOrderBy() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum number of columns in an "ORDER BY" clause?

getMaxColumnsInSelect() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum number of columns in a "SELECT" list?

getMaxColumnsInTable() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum number of columns in a table?

getMaxConnections() - Method in interface java.sql.DatabaseMetaData  
    How many active connections can we have at a time to this database?

getMaxCursorNameLength() - Method in interface java.sql.DatabaseMetaData  
    What's the maximum cursor name length?

getMaxDescent() - Method in class java.awt.FontMetrics  
    Deprecated. As of JDK version 1.1.1, replaced by getMaxDescent().

getMaxDescent() - Method in class java.awt.FontMetrics  
    Determines the maximum descent of the Font described by this FontMetrics object.

getMaxExpansion(int) - Method in class java.text.CollationElementIterator  
    Return the maximum length of any expansion sequences that end with the specified comparison order.

getMaxFieldSize() - Method in interface java.sql.Statement  
    Returns the maximum number of bytes allowed for any column value.

getMaximum() - Method in class java.awt.Scrollbar  
    Gets the maximum value of this scroll bar.

getMaximum() - Method in interface java.awt.Adjustable  
    Gets the maximum value of the adjustable object.

getMaximum() - Method in class javax.sound.sampled.FloatControl  
    Obtains the maximum value permitted.

getMaximum() - Method in class javax.swing.DefaultBoundedRangeModel  
    Return the model's maximum.

getMaximum() - Method in class javax.swing.ProgressMonitor  
    Returns the maximum value -- the higher end of the progress value.

getMaximum() - Method in interface javax.swing.BoundedRangeModel  
    Returns the model's maximum.

getMaximum() - Method in class javax.swing.JScrollBar  
    The maximum value of the scrollbar is maximum - extent.

getMaximum() - Method in class javax.swing.JProgressBar  
    Returns the model's maximum value.

getMaximum() - Method in class javax.swing.JSlider  
    Returns the maximum value supported by the slider.

getMaximum(int) - Method in class java.util.Calendar  
    Gets the maximum value for the given time field.

getMaximum(int) - Method in class java.util.GregorianCalendar  
    Returns maximum value for the given field.

getMaximumAccessibleValue() - Method in class java.awt.Scrollbar.AccessibleAWTScrollBar  
    Get the maximum accessible value of this object.

getMaximumAccessibleValue() - Method in class java.awt.MenuItem.AccessibleAWTMenuItem  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class java.awt.Checkbox.AccessibleAWTCheckbox  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class java.awt.Button.AccessibleAWTButton  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class  
java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in interface javax.accessibility.AccessibleValue  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class javax.swing.AbstractButton.AccessibleAbstractButton  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class javax.swing.JInternalFrame.AccessibleJInternalFrame  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class  
javax.swing.JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon  
    Get the maximum value of this object as a Number.

getMaximumAccessibleValue() - Method in class javax.swing.JSplitPane.AccessibleJSplitPane  
    Gets the maximum accessible value of this object.

getMaximumAccessibleValue() - Method in class javax.swing.JScrollBar.AccessibleJScrollBar  
    Get the maximum accessible value of this object.

getMaximumAccessibleValue() - Method in class javax.swing.JProgressBar.AccessibleJProgressBar  
    Get the maximum accessible value of this object.

getMaximumAccessibleValue() - Method in class javax.swing.JSlider.AccessibleJSlider  
    Get the maximum accessible value of this object.

getMaximumCursorColors() - Method in class java.awt.Toolkit  
    Returns the maximum number of colors the Toolkit supports in a custom cursor palette.

getMaximumDividerLocation() - Method in class javax.swing.JSplitPane  
    Returns the maximum location of the divider from the look and feel implementation.

getMaximumDividerLocation(JSplitPane) - Method in class javax.swing.plaf.SplitPaneUI  
    Returns the maximum possible location of the divider.

getMaximumDividerLocation(JSplitPane) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI  
    Gets the maximum location of the divider.

getMaximumDividerLocation(JSplitPane) - Method in class javax.swing.plaf.multi.MultiSplitPaneUI  
    Call getMaximumDividerLocation on each UI handled by this MultiUI.

getMaximumFractionDigits() - Method in class java.text.NumberFormat  
    Returns the maximum number of digits allowed in the fraction portion of a number.

getMaximumIntegerDigits() - Method in class java.text.NumberFormat  
    Returns the maximum number of digits allowed in the integer portion of a number.

getMaximumRowCount() - Method in class javax.swing.JComboBox  
    Returns the maximum number of items the combo box can display without a scrollbar

getMaximumSize() - Method in class java.awt.Component  
    Gets the maximum size of this component.

getMaximumSize() - Method in class java.awt.Container  
    Returns the maximum size of this container.

getMaximumSize() - Method in class javax.swing.JComponent  
    If the maximum size has been set to a non-null value just returns it.

getMaximumSize() - Method in class javax.swing.JToolBar.Separator  
    Returns the maximum size for the separator.

getMaximumSize() - Method in class javax.swing.Box.Filler  
    Returns the maximum size of the component.

getMaximumSize() - Method in class javax.swing.JScrollBar  
    The scrollbar is flexible along it's scrolling axis and rigid along the other axis.

getMaximumSize() - Method in class javax.swing.plaf.basic.BasicArrowButton

[getMaximumSize\(\)](#) - Method in class javax.swing.plaf.metal.MetalScrollPane

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.ComponentUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTextUI  
    Gets the maximum size for the editor component.

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicSeparatorUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicMenuItemUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicButtonUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicToolBarSeparatorUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicMenuUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicProgressBarUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicOptionPaneUI  
    Messages getPreferredSize.

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTableUI  
    Return the maximum size of the table.

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicToolTipUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicScrollBarUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicToolBarUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicListUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicLabelUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTableHeaderUI  
    Return the maximum size of the header.

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicMenuBarUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI  
    Returns the maximum size for this component, which will be the preferred size if the instance  
    is currently in a JTree, or 0, 0.

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI  
    Returns the maximum size for the passed in component, This is passed off to the current  
    layoutmanager.

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicScrollPaneUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.[BasicSliderUI](#)  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.metal.[MetalFileChooserUI](#)  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiListUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSeparatorUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiLabelUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiPopupMenuUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiPanelUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollBarUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTextUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiComboBoxUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTableHeaderUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiFileChooserUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiColorChooserUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTreeUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiViewportUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTabbedPaneUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiProgressBarUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollPaneUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiOptionPaneUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSplitPaneUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiButtonUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiToolBarUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSliderUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopPaneUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTableUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopIconUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuItemUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiInternalFrameUI](#)  
    Call getMaximumSize on each UI handled by this MultiUI.  
[getMaximumSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiToolTipUI](#)

Call `getMaximumSize` on each UI handled by this `MultiUI`.

[getMaximumSize\(JComponent\)](#) - Method in class `javax.swing.plaf.multi.MultiMenuBarUI`  
Call `getMaximumSize` on each UI handled by this `MultiUI`.

[getMaximumSpan\(int\)](#) - Method in class `javax.swing.text.View`  
Determines the maximum span for this view along an axis.

[getMaximumSpan\(int\)](#) - Method in class `javax.swing.text.BoxView`  
Determines the maximum span for this view along an axis.

[getMaximumSpan\(int\)](#) - Method in class `javax.swing.text.AsyncBoxView`  
Determines the maximum span for this view along an axis.

[getMaximumSpan\(int\)](#) - Method in class `javax.swing.text.ComponentView`  
Determines the maximum span for this view along an axis.

[getMaximumSpan\(int\)](#) - Method in class `javax.swing.text.WrappedPlainView`  
Determines the maximum span for this view along an axis.

[getMaximumSpan\(int\)](#) - Method in class `javax.swing.text.html.ParagraphView`  
Determines the maximum span for this view along an axis.

[getMaximumThumbSize\(\)](#) - Method in class `javax.swing.plaf.basic.BasicScrollBarUI`  
Return the largest acceptable size for the thumb.

[getMaximumZoneSize\(\)](#) - Method in class `javax.swing.text.ZoneView`  
Get the current maximum zone size.

[getMaxIndexLength\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
Retrieves the maximum number of bytes for an index, including all of the parts of the index.

[getMaxLabel\(\)](#) - Method in class `javax.sound.sampled.FloatControl`  
Obtains the label for the maximum value, such as "Right" or "Full."

[getMaxLines\(Line.Info\)](#) - Method in interface `javax.sound.sampled.Mixer`  
Obtains the maximum number of lines of the requested type that can be open simultaneously on the mixer.

[getMaxPage\(\)](#) - Method in class `java.awt.JobAttributes`  
Specifies the maximum value the user can specify as the last page to be printed for jobs using these attributes.

[getMaxPolyphony\(\)](#) - Method in interface `javax.sound.midi.Synthesizer`  
Obtains the maximum number of notes that this synthesizer can sound simultaneously.

[getMaxPriority\(\)](#) - Method in class `java.lang.ThreadGroup`  
Returns the maximum priority of this thread group.

[getMaxProcedureNameLength\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's the maximum length of a procedure name?

[getMaxReceivers\(\)](#) - Method in interface `javax.sound.midi.MidiDevice`  
Obtains the maximum number of MIDI IN connections available on this MIDI device for receiving MIDI data.

[getMaxRows\(\)](#) - Method in interface `java.sql.Statement`  
Retrieves the maximum number of rows that a `ResultSet` object can contain.

[getMaxRowSize\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's the maximum length of a single row?

[getMaxSchemaNameLength\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's the maximum length allowed for a schema name?

[getMaxSelectionIndex\(\)](#) - Method in class `javax.swing.DefaultListSelectionModel`

[getMaxSelectionIndex\(\)](#) - Method in class `javax.swing.JList`  
Returns the largest selected cell index.

[getMaxSelectionIndex\(\)](#) - Method in interface `javax.swing.ListSelectionModel`  
Returns the last selected index or -1 if the selection is empty.

[getMaxSelectionRow\(\)](#) - Method in class `javax.swing.JTree`  
Returns the last selected row.

[getMaxSelectionRow\(\)](#) - Method in class `javax.swing.tree.DefaultTreeSelectionModel`  
Returns the largest value obtained from the RowMapper for the current set of selected TreePaths.

[getMaxSelectionRow\(\)](#) - Method in interface `javax.swing.tree.TreeSelectionModel`  
Returns the largest value obtained from the RowMapper for the current set of selected

TreePaths.

getMaxStatementLength() - Method in interface java.sql.DatabaseMetaData  
What's the maximum length of an SQL statement?

getMaxStatements() - Method in interface java.sql.DatabaseMetaData  
How many active statements can we have open at one time to this database?

getMaxTableNameLength() - Method in interface java.sql.DatabaseMetaData  
What's the maximum length of a table name?

getMaxTablesInSelect() - Method in interface java.sql.DatabaseMetaData  
What's the maximum number of tables in a SELECT statement?

getMaxTransmitters() - Method in interface javax.sound.midi.MidiDevice  
Obtains the maximum number of MIDI OUT connections available on this MIDI device for transmitting MIDI data.

getMaxUserNameLength() - Method in interface java.sql.DatabaseMetaData  
What's the maximum length of a user name?

getMaxWidth() - Method in class javax.swing.table.TableColumn  
Returns the maximum width for the TableColumn.

getMaxX() - Method in class java.awt.geom.RectangularShape  
Returns the largest X coordinate of the framing rectangle of the Shape in double precision.

getMaxY() - Method in class java.awt.geom.RectangularShape  
Returns the largest Y coordinate of the framing rectangle of the Shape in double precision.

getMaxZonesLoaded() - Method in class javax.swing.text.ZoneView  
Get the current setting of the number of zones allowed to be loaded at the same time.

getMedia() - Method in class java.awt.PageAttributes  
Returns the paper size for pages using these attributes.

getMediaWhitePoint() - Method in class java.awt.color.ICC\_ProfileGray  
Returns a float array of length 3 containing the X, Y, and Z components of the mediaWhitePointTag in the ICC profile.

getMediaWhitePoint() - Method in class java.awt.color.ICC\_ProfileRGB  
Returns a float array of length 3 containing the X, Y, and Z components of the mediaWhitePointTag in the ICC profile.

getMemberControls() - Method in class javax.sound.sampled.CompoundControl  
Returns the set of member controls that comprise the compound control.

getMenuBar(int) - Method in class java.awt.MenuBar  
Gets the specified menu.

getMenuBar(int) - Method in class javax.swing.JMenuBar  
Returns the menu at the specified position in the menu bar.

getMenuArrowIcon() - Static method in class javax.swing.plaf.basic.BasicIconFactory  
getMenuArrowIcon() - Static method in class javax.swing.plaf.metal.MetalIconFactory

getMenuBackground() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getMenuBackground() - Method in class javax.swing.plaf.metal.MetalTheme

getMenuBar() - Method in class java.awt.Frame  
Gets the menu bar for this frame.

getMenuBar() - Method in class javax.swing.JInternalFrame  
Deprecated. As of Swing version 1.0.3, replaced by getJMenuBar().

getMenuBar() - Method in class javax.swing.JRootPane  
Deprecated. As of Swing version 1.0.3 replaced by getJMenubar().

getMenuBarBorder() - Static method in class javax.swing.plaf.basic.BasicBorders

getMenuComponent(int) - Method in class javax.swing.JMenu  
Returns the component at position n.

getMenuComponentCount() - Method in class javax.swing.JMenu  
Returns the number of components on the menu.

getMenuComponents() - Method in class javax.swing.JMenu

Returns an array of Components of the menu's subcomponents.

getMenuCount() - Method in class `java.awt.MenuBar`  
Gets the number of menus on the menu bar.

getMenuCount() - Method in class `javax.swing.JMenuBar`  
Returns the number of items in the menu bar.

getMenuDisabledForeground() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getMenuDisabledForeground() - Method in class `javax.swing.plaf.metal.MetalTheme`

getMenuForeground() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getMenuForeground() - Method in class `javax.swing.plaf.metal.MetalTheme`

getMenuItemArrowIcon() - Static method in class `javax.swing.plaf.basic.BasicIconFactory`

getMenuItemArrowIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getMenuItemCheckIcon() - Static method in class `javax.swing.plaf.basic.BasicIconFactory`

getMenuItemCheckIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getMenuSelectedBackground() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getMenuSelectedBackground() - Method in class `javax.swing.plaf.metal.MetalTheme`

getMenuSelectedForeground() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getMenuSelectedForeground() - Method in class `javax.swing.plaf.metal.MetalTheme`

getMenuSelectionManager() - Method in class `javax.swing.event.MenuKeyEvent`  
Returns the current menu selection manager.

getMenuSelectionManager() - Method in class `javax.swing.event.MenuDragMouseEvent`  
Returns the current menu selection manager.

getMenuShortcutKeyMask() - Method in class `java.awt.Toolkit`  
Determines which modifier key is the appropriate accelerator key for menu shortcuts.

getMenuTextFont() - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

getMenuTextFont() - Method in class `javax.swing.plaf.metal.MetalTheme`

getMenuTextFont() - Method in class `javax.swing.plaf.metal.DefaultMetalTheme`

getMessage() - Method in class `java.io.InvalidClassException`  
Produce the message and include the classname, if present.

getMessage() - Method in class `java.io.WriteAbortedException`  
Produce the message and include the message from the nested exception, if there is one.

getMessage() - Method in class `java.lang.Throwable`  
Returns the error message string of this throwable object.

getMessage() - Method in class `java.rmi.RemoteException`  
Returns the detail message, including the message from the nested exception if there is one.

getMessage() - Method in class `java.rmi.activation.ActivationException`  
Produces the message, include the message from the nested exception if there is one.

getMessage() - Method in class `java.rmi.server.ServerCloneException`  
Obtains the message, include the message from the nested exception if there is one.

getMessage() - Method in class `javax.sound.midi.MidiMessage`  
Obtains the MIDI message data.

getMessage() - Method in class `javax.sound.midi.MidiEvent`  
Obtains the MIDI message contained in the event.

getMessage() - Method in class javax.swing.JOptionPanel  
    Returns the message-object this pane displays.

getMessage() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI  
    Returns the message to display from the JOptionPane the receiver is providing the look and feel for.

getMessageDigest() - Method in class java.security.DigestOutputStream  
    Returns the message digest associated with this stream.

getMessageDigest() - Method in class java.security.DigestInputStream  
    Returns the message digest associated with this stream.

getMessageType() - Method in class javax.swing.JOptionPanel  
    Returns the message type.

getMetaData() - Method in interface java.sql.PreparedStatement  
    Gets the number, types and properties of a ResultSet object's columns.

getMetaData() - Method in interface java.sql.Connection  
    Gets the metadata regarding this connection's database.

getMetaData() - Method in interface java.sql.ResultSet  
    Retrieves the number, types and properties of this ResultSet object's columns.

getMethod() - Method in class java.beans.MethodDescriptor  
    Gets the method that this MethodDescriptor encapsulates.

getMethod() - Method in class java.util.zip.ZipEntry  
    Returns the compression method of the entry, or -1 if not specified.

getMethod(String, Class[]) - Method in class java.lang.Class  
    Returns a Method object that reflects the specified public member method of the class or interface represented by this Class object.

getMethodDescriptors() - Method in interface java.beans.BeanInfo  
    Gets the beans MethodDescriptors.

getMethodDescriptors() - Method in class java.beans.SimpleBeanInfo  
    Deny knowledge of methods.

getMethods() - Method in class java.lang.Class  
    Returns an array containing Method objects reflecting all the public *member* methods of the class or interface represented by this Class object, including those declared by the class or interface and those inherited from superclasses and superinterfaces.

getMicrosecondLength() - Method in interface javax.sound.sampled.Clip  
    Obtains the media duration in microseconds

getMicrosecondLength() - Method in class javax.sound.midi.Sequence  
    Obtains the duration of this sequence, expressed in microseconds.

getMicrosecondLength() - Method in class javax.sound.midi.MidiFileFormat  
    Obtains the length of the MIDI file, expressed in microseconds.

getMicrosecondLength() - Method in interface javax.sound.midi.Sequencer  
    Obtains the length of the current sequence, expressed in microseconds.

getMicrosecondPosition() - Method in interface javax.sound.sampled.DataLine  
    Obtains the current position in the audio data, in microseconds.

getMicrosecondPosition() - Method in interface javax.sound.midi.MidiDevice  
    Obtains the current time-stamp of the device, in microseconds.

getMicrosecondPosition() - Method in interface javax.sound.midi.Sequencer  
    Obtains the current position in the sequence, expressed in microseconds.

getMidiDeviceInfo(MidiDevice.Info) - Static method in class javax.sound.midi.MidiSystem  
    Obtains the requested MIDI device.

getMidiDeviceInfo() - Static method in class javax.sound.midi.MidiSystem  
    Obtains an array of information objects representing the set of all MIDI devices available on the system.

getMidiFileFormat(File) - Static method in class javax.sound.midi.MidiSystem  
    Obtains the MIDI file format of the specified File.

getMidiFileFormat(File) - Method in class javax.sound.midi.spi.MidiFileReader  
    Obtains the MIDI file format of the File provided.

getMidiFileFormat(InputStream) - Static method in class javax.sound.midi.MidiSystem  
    Obtains the MIDI file format of the data in the specified input stream.

getMidiFileFormat(InputStream) - Method in class javax.sound.midi.spi.MidiFileReader  
    Obtains the MIDI file format of the input stream provided.

getMidiFileFormat(URL) - Static method in class javax.sound.midi.MidiSystem  
    Obtains the MIDI file format of the data in the specified URL.

getMidiFileFormat(URL) - Method in class javax.sound.midi.spi.MidiFileReader  
    Obtains the MIDI file format of the URL provided.

getMidiFileTypes() - Static method in class javax.sound.midi.MidiSystem  
    Obtains the set of MIDI file types for which file writing support is provided by the system.

getMidiFileTypes() - Method in class javax.sound.midi.spi.MidiFileWriter  
    Obtains the set of MIDI file types for which file writing support is provided by this file writer.

getMidiFileTypes(Sequence) - Static method in class javax.sound.midi.MidiSystem  
    Obtains the set of MIDI file types that the system can write from the sequence specified.

getMidiFileTypes(Sequence) - Method in class javax.sound.midi.spi.MidiFileWriter  
    Obtains the file types that this file writer can write from the sequence specified.

getMidLabel() - Method in class javax.sound.sampled.FloatControl  
    Obtains the label for the mid-point value, such as "Center" or "Default."

getMillisToDecideToPopup() - Method in class javax.swing.ProgressMonitor  
    Returns the amount of time this object waits before deciding whether or not to popup a progress monitor.

getMillisToPopup() - Method in class javax.swing.ProgressMonitor  
    Returns the amount of time it will take for the popup to appear.

getMimeType() - Method in class java.awt.datatransfer.DataFlavor  
    Returns the MIME type string for this DataFlavor

getMinBufferSize() - Method in class javax.sound.sampled.DataLine.Info  
    Obtains the minimum buffer size supported by the data line.

getMinimalDaysInFirstWeek() - Method in class java.util.Calendar  
    Gets what the minimal days required in the first week of the year are; e.g., if the first week is defined as one that contains the first day of the first month of a year, getMinimalDaysInFirstWeek returns 1.

getMinimum() - Method in class java.awt.Scrollbar  
    Gets the minimum value of this scroll bar.

getMinimum() - Method in interface java.awt.Adjustable  
    Gets the minimum value of the adjustable object.

getMinimum() - Method in class javax.sound.sampled.FloatControl  
    Obtains the minimum value permitted.

getMinimum() - Method in class javax.swing.DefaultBoundedRangeModel  
    Return the model's minimum.

getMinimum() - Method in class javax.swing.ProgressMonitor  
    Returns the minimum value -- the lower end of the progress value.

getMinimum() - Method in interface javax.swing.BoundedRangeModel  
    Returns the minimum acceptable value.

getMinimum() - Method in class javax.swing.JScrollBar  
    Returns the minimum value supported by the scrollbar (usually zero).

getMinimum() - Method in class javax.swing.JProgressBar  
    Returns the model's minimum value.

getMinimum() - Method in class javax.swing.JSlider  
    Returns the minimum value supported by the slider.

getMinimum(int) - Method in class java.util.Calendar  
    Gets the minimum value for the given time field.

getMinimum(int) - Method in class java.util.GregorianCalendar  
    Returns minimum value for the given field.

getMinimumAccessibleValue() - Method in class java.awt.AccessibleAWTScrollbar  
    Get the minimum accessible value of this object.

getMinimumAccessibleValue() - Method in class java.awt.MenuItem.AccessibleAWTMenuItem  
    Get the minimum value of this object as a Number.

getMinimumAccessibleValue() - Method in class java.awt.Checkbox.AccessibleAWTCheckbox

Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in class [java.awt.Button.AccessibleAWTButton](#)  
    Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in class [java.awt.CheckboxMenuItem.AccessibleAWTCheckboxMenuItem](#)  
    Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in interface [javax.accessibility.Accessible](#).[AccessibleValue](#)  
    Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.AbstractButton.AccessibleAbstractButton](#)  
    Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.JInternalFrame.AccessibleJInternalFrame](#)  
    Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.JDesktopIcon.AccessibleJDesktopIcon](#)  
    Get the minimum value of this object as a Number.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.JSplitPane.AccessibleJSplitPane](#)  
    Gets the minimum accessible value of this object.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.JScrollBar.AccessibleJScrollBar](#)  
    Get the minimum accessible value of this object.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.JProgressBar.AccessibleJProgressBar](#)  
    Get the minimum accessible value of this object.  
[getMinimumAccessibleValue\(\)](#) - Method in class [javax.swing.JSlider.AccessibleJSlider](#)  
    Get the minimum accessible value of this object.  
[getMinimumDividerLocation\(\)](#) - Method in class [javax.swing.JSplitPane](#)  
    Returns the minimum location of the divider from the look and feel implementation.  
[getMinimumDividerLocation\(JSplitPane\)](#) - Method in class [javax.swing.plaf.SplitPaneUI](#)  
    Returns the minimum possible location of the divider.  
[getMinimumDividerLocation\(JSplitPane\)](#) - Method in class [javax.swing.plaf.basic.BasicSplitPaneUI](#)  
    Gets the minimum location of the divider.  
[getMinimumDividerLocation\(JSplitPane\)](#) - Method in class [javax.swing.plaf.multi.MultiSplitPaneUI](#)  
    Call getMinimumDividerLocation on each UI handled by this MultiUI.  
[getMinimumFractionDigits\(\)](#) - Method in class [java.text.NumberFormat](#)  
    Returns the minimum number of digits allowed in the fraction portion of a number.  
[getMinimumHorizontalSize\(\)](#) - Method in class [javax.swing.plaf.basic.BasicSliderUI](#)  
  
[getMinimumIntegerDigits\(\)](#) - Method in class [java.text.NumberFormat](#)  
    Returns the minimum number of digits allowed in the integer portion of a number.  
[getMinimumOptionPaneSize\(\)](#) - Method in class [javax.swing.plaf.basic.BasicOptionPaneUI](#)  
    Returns the minimum size the option pane should be.  
[getMinimumSize\(\)](#) - Method in class [java.awt.Component](#)  
    Gets the mininimum size of this component.  
[getMinimumSize\(\)](#) - Method in class [java.awt.Container](#)  
    Returns the minimum size of this container.  
[getMinimumSize\(\)](#) - Method in class [java.awt.List](#)  
    Determines the minimum size of this scrolling list.  
[getMinimumSize\(\)](#) - Method in class [java.awt.TextField](#)  
    Gets the minumum dimensions for this text field.  
[getMinimumSize\(\)](#) - Method in class [java.awt.TextArea](#)  
    Determines the minimum size of this text area.  
[getMinimumSize\(\)](#) - Method in class [javax.swing.JComponent](#)  
    If the minimum size has been set to a non-null value just returns it.  
[getMinimumSize\(\)](#) - Method in class [javax.swing.JToolBar.Separator](#)  
    Returns the minimum size for the separator.  
[getMinimumSize\(\)](#) - Method in class [javax.swing.Box.Filler](#)  
    Returns the minimum size of the component.  
[getMinimumSize\(\)](#) - Method in class [javax.swing.JScrollBar](#)  
    The scrollbar is flexible along it's scrolling axis and rigid along the other axis.

[getMinimumSize\(\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneDivider

    Returns dividerSize x dividerSize

[getMinimumSize\(\)](#) - Method in class javax.swing.plaf.basic.BasicArrowButton

[getMinimumSize\(\)](#) - Method in class javax.swing.plaf.metal.MetalScrollBar

[getMinimumSize\(Component\)](#) - Method in class javax.swing.border.TitledBorder

    Returns the minimum dimensions this border requires in order to fully display the border and title.

[getMinimumSize\(int\)](#) - Method in class java.awt.List

    Gets the minumum dimensions for a list with the specified number of rows.

[getMinimumSize\(int\)](#) - Method in class java.awt.TextField

    Gets the minumum dimensions for a text field with the specified number of columns.

[getMinimumSize\(int, int\)](#) - Method in class java.awt.TextArea

    Determines the minimum size of a text area with the specified number of rows and columns.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.ComponentUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTextUI

    Gets the minimum size for the editor component.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicSeparatorUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicMenuItemUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicButtonUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicToolBarSeparatorUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicProgressBarUI

    The Minimum size for this component is 10.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicOptionPaneUI

    Messages getPreferredSize.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTableUI

    Return the minimum size of the table.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicToolTipUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicScrollBarUI

    A vertical scrollbars minimum width is the largest minimum width of the (non null) increment/decrement buttons, and the minimum width of the thumb.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicToolBarUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicListUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicLabelUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTableHeaderUI

    Return the minimum size of the header.

[getMinimumSize\(JComponent\)](#) - Method in class javax.swing.plaf.basic.BasicMenuBarUI

getMinimumSize(JComponent) - Method in class javax.swing.plaf.basic.BasicTreeUI  
    Returns the minimum size for this component.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI  
    Returns the minimum size for the passed in component, This is passed off to the current layoutmanager.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.basic.BasicScrollPaneUI

getMinimumSize(JComponent) - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

getMinimumSize(JComponent) - Method in class javax.swing.plaf.basic.BasicSliderUI

getMinimumSize(JComponent) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

getMinimumSize(JComponent) - Method in class javax.swing.plaf.metal.MetalComboBoxUI

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiListUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiSeparatorUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiLabelUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiPopupMenuUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiPanelUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiScrollBarUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTextUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiComboBoxUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTableHeaderUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiFileChooserUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiColorChooserUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTreeUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiViewportUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTabbedPaneUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiProgressBarUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiScrollPaneUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiOptionPaneUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiSplitPaneUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiButtonUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiToolBarUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiSliderUI

Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiDesktopPaneUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTableUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiDesktopIconUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiMenuItemUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiInternalFrameUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiToolTipUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSize(JComponent) - Method in class javax.swing.plaf.multi.MultiMenuBarUI  
    Call getMinimumSize on each UI handled by this MultiUI.

getMinimumSpan(int) - Method in class javax.swing.text.View  
    Determines the minimum span for this view along an axis.

getMinimumSpan(int) - Method in class javax.swing.text.BoxView  
    Determines the minimum span for this view along an axis.

getMinimumSpan(int) - Method in class javax.swing.text.AsyncBoxView  
    Determines the minimum span for this view along an axis.

getMinimumSpan(int) - Method in class javax.swing.text.ComponentView  
    Determines the minimum span for this view along an axis.

getMinimumSpan(int) - Method in class javax.swing.text.WrappedPlainView  
    Determines the minimum span for this view along an axis.

getMinimumSpan(int) - Method in class javax.swing.text.html.ParagraphView  
    Determines the minimum span for this view along an axis.

getMinimumThumbSize() - Method in class javax.swing.plaf.basic.BasicScrollBarUI  
    Return the smallest acceptable size for the thumb.

getMinimumThumbSize() - Method in class javax.swing.plaf.metal.MetalScrollBarUI

getMinimumVerticalSize() - Method in class javax.swing.plaf.basic.BasicSliderUI

getMinLabel() - Method in class javax.sound.sampled.FloatControl  
    Obtains the label for the minimum value, such as "Left" or "Off."

getMinorAxis() - Method in class javax.swing.text.AsyncBoxView  
    Fetch the minor axis (the axis orthogonal to the tiled axis).

getMinorOffset() - Method in class javax.swing.text.AsyncBoxView.ChildState  
    What is the offset along the minor axis

getMinorSpan() - Method in class javax.swing.text.AsyncBoxView.ChildState  
    What is the span along the minor axis.

getMinorTickSpacing() - Method in class javax.swing.JSlider  
    This method returns the minor tick spacing.

getMinorVersion() - Method in class java.awt.color.ICC\_Profile  
    Returns profile minor version.

getMinorVersion() - Method in interface java.sql.Driver  
    Gets the driver's minor version number.

getMinPage() - Method in class java.awt.JobAttributes  
    Specifies the minimum value the user can specify as the first page to be printed for jobs using these attributes.

getMinSelectionIndex() - Method in class javax.swing.DefaultListSelectionModel

getMinSelectionIndex() - Method in class javax.swing.JList  
    Returns the smallest selected cell index.

getMinSelectionIndex() - Method in interface javax.swing.ListSelectionModel  
    Returns the first selected index or -1 if the selection is empty.

getMinSelectionRow() - Method in class javax.swing.JTree

Gets the first selected row.

[getMinSelectionRow\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
Returns the smallest value obtained from the RowMapper for the current set of selected TreePaths.

[getMinSelectionRow\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
Returns the smallest value obtained from the RowMapper for the current set of selected TreePaths.

[GetMinSize\(Container, GridBagLayoutInfo\)](#) - Method in class java.awt.GridBagLayout

[getMinTileX\(\)](#) - Method in interface java.awt.image.RenderedImage  
Returns the minimum tile index in the X direction.

[getMinTileX\(\)](#) - Method in class java.awt.image.BufferedImage  
Returns the minimum tile index in the x direction.

[getMinTileY\(\)](#) - Method in interface java.awt.image.RenderedImage  
Returns the minimum tile index in the Y direction.

[getMinTileY\(\)](#) - Method in class java.awt.image.BufferedImage  
Returns the minimum tile index in the y direction.

[getMinusSign\(\)](#) - Method in class java.text.DecimalFormatSymbols  
Gets the character used to represent minus sign.

[getMinutes\(\)](#) - Method in class java.sql.Date  
Deprecated.

[getMinutes\(\)](#) - Method in class java.util.Date  
Deprecated. As of JDK version 1.1, replaced by Calendar.get(Calendar.MINUTE).

[getMinWidth\(\)](#) - Method in class javax.swing.table.TableColumn  
Returns the minimum width for the TableColumn.

[getMinX\(\)](#) - Method in class java.awt.geom.RectangularShape  
Returns the smallest X coordinate of the framing rectangle of the Shape in double precision.

[getMinX\(\)](#) - Method in interface java.awt.image.RenderedImage  
Returns the minimum X coordinate (inclusive) of the RenderedImage.

[getMinX\(\)](#) - Method in class java.awt.image.BufferedImage  
Returns the minimum x coordinate of this BufferedImage.

[getMinX\(\)](#) - Method in class java.awt.image.Raster  
Returns the minimum valid X coordinate of the Raster.

[getMinX\(\)](#) - Method in class java.awt.image.renderable.RenderableImageOp  
Gets the minimum X coordinate of the rendering-independent image data.

[getMinX\(\)](#) - Method in interface java.awt.image.renderable.RenderableImage  
Gets the minimum X coordinate of the rendering-independent image data.

[getMinY\(\)](#) - Method in class java.awt.geom.RectangularShape  
Returns the smallest Y coordinate of the framing rectangle of the Shape in double precision.

[getMinY\(\)](#) - Method in interface java.awt.image.RenderedImage  
Returns the minimum Y coordinate (inclusive) of the RenderedImage.

[getMinY\(\)](#) - Method in class java.awt.image.BufferedImage  
Returns the minimum y coordinate of this BufferedImage.

[getMinY\(\)](#) - Method in class java.awt.image.Raster  
Returns the minimum valid Y coordinate of the Raster.

[getMinY\(\)](#) - Method in class java.awt.image.renderable.RenderableImageOp  
Gets the minimum Y coordinate of the rendering-independent image data.

[getMinY\(\)](#) - Method in interface java.awt.image.renderable.RenderableImage  
Gets the minimum Y coordinate of the rendering-independent image data.

[getMissingGlyphCode\(\)](#) - Method in class java.awt.Font  
Returns the glyphCode which is used when this Font does not have a glyph for a specified unicode.

[getMiterLimit\(\)](#) - Method in class java.awt.BasicStroke  
Returns the limit of miter joins.

[getMixer\(Mixer.Info\)](#) - Static method in class javax.sound.sampled.AudioSystem  
Obtains the requested audio mixer.

[getMixer\(Mixer.Info\)](#) - Method in class javax.sound.sampled.spi.MixerProvider

Obtains an instance of the mixer represented by the info object.

getMixerInfo() - Method in interface javax.sound.sampled.Mixer

Obtains information about this mixer, including the product's name, version, vendor, etc.

getMixerInfo() - Static method in class javax.sound.sampled.AudioSystem

Obtains an array of mixer info objects that represents the set of audio mixers that are currently installed on the system.

getMixerInfo() - Method in class javax.sound.sampled.spi.MixerProvider

Obtains the set of info objects representing the mixer or mixers provided by this MixerProvider.

getMnemonic() - Method in class javax.swing.AbstractButton

Returns the keyboard mnemonic from the the current model.

getMnemonic() - Method in interface javax.swing.ButtonModel

Gets the keyboard mnemonic for this model

getMnemonic() - Method in class javax.swing.DefaultButtonModel

Gets the keyboard mnemonic for this model

getMode() - Method in class java.awt.FileDialog

Indicates whether this file dialog box is for loading from a file or for saving to a file.

getModel() - Method in class javax.swing.JTabbedPane

Returns the model associated with this tabbedpane.

getModel() - Method in class javax.swing.AbstractButton

Returns the model that this button represents.

getModel() - Method in class javax.swing.JComboBox

Returns the data model currently used by the JComboBox.

getModel() - Method in class javax.swing.JList

Returns the data model that holds the list of items displayed by the JList component.

getModel() - Method in class javax.swing.JTree

Returns the TreeModel that is providing the data.

getModel() - Method in class javax.swing.JTable

Returns the TableModel that provides the data displayed by this JTable.

getModel() - Method in class javax.swing.JScrollBar

Returns data model that handles the scrollbar's four fundamental properties: minimum, maximum, value, extent.

getModel() - Method in class javax.swing.JProgressBar

Returns the data model used by the JProgressBar.

getModel() - Method in class javax.swing.JSlider

Returns data model that handles the sliders three fundamental properties: minimum, maximum, value.

getModel() - Method in class javax.swing.tree.AbstractLayoutCache

Returns the TreeModel that is providing the data.

getModel() - Method in class javax.swing.plaf.basic.BasicFileChooserUI

getModel() - Method in class javax.swing.plaf.basic.BasicTreeUI

getModelIndex() - Method in class javax.swing.table.TableColumn

Returns the model index for this column.

getModificationOp() - Method in class javax.naming.directory.ModificationItem

Retrieves the modification code of this modification item.

getModifier() - Method in class javax.swing.text.html.parser.AttributeList

getModifiers() - Method in class java.awt.event.ActionEvent

Returns the modifier keys held down during this action event.

getModifiers() - Method in class java.awt.event.InputEvent

Returns the modifiers flag for this event.

getModifiers() - Method in class java.lang.Class

Returns the Java language modifiers for this class or interface, encoded in an integer.

getModifiers() - Method in interface java.lang.reflect.Member

Returns the Java language modifiers for the member or constructor represented by this Member,

as an integer.

getModifiers() - Method in class `java.lang.reflect.Method`  
Returns the Java language modifiers for the method represented by this Method object, as an integer.

getModifiers() - Method in class `java.lang.reflect.Field`  
Returns the Java language modifiers for the field represented by this Field object, as an integer.

getModifiers() - Method in class `java.lang.reflect.Constructor`  
Returns the Java language modifiers for the constructor represented by this Constructor object, as an integer.

getModifiers() - Method in class `javax.swing.KeyStroke`  
Returns the modifier keys defined by this KeyStroke object.

getModulus() - Method in interface `java.security.interfaces.RSAKey`  
Returns the modulus.

getModulus() - Method in class `java.security.spec.RSAPrivateKeySpec`  
Returns the modulus.

getModulus() - Method in class `java.security.spec.RSAPublicKeySpec`  
Returns the modulus.

getMonetaryDecimalSeparator() - Method in class `java.text.DecimalFormatSymbols`  
Return the monetary decimal separator.

getMono() - Method in interface `javax.sound.midi.MidiChannel`  
Obtains the current mono/poly mode.

getMonth() - Method in class `java.sql.Time`  
Deprecated.

getMonth() - Method in class `java.util.Date`  
Deprecated. As of JDK version 1.1, replaced by `Calendar.get(Calendar.MONTH)`.

getMonths() - Method in class `java.text.DateFormatSymbols`  
Gets month strings.

getMoreResults() - Method in interface `java.sql.Statement`  
Moves to a Statement object's next result.

getMouseListener() - Method in class `javax.swing.plaf.basic.BasicComboPopup`  
Implementation of `ComboPopup.getMouseListener()`.

getMouseListener() - Method in interface `javax.swing.plaf.basic.ComboPopup`  
Returns a mouse listener that shows and hides the popup.

getMouseMotionListener() - Method in class `javax.swing.plaf.basic.BasicComboPopup`  
Implementation of `ComboPopup.getMouseMotionListener()`.

getMouseMotionListener() - Method in interface `javax.swing.plaf.basic.ComboPopup`  
Returns a mouse motion listener that makes the popup act like a menu.

getMultipleDocumentHandling() - Method in class `java.awt.JobAttributes`  
Specifies the handling of multiple documents, including collation, for jobs using these attributes.

getMultiplier() - Method in class `java.text.DecimalFormat`  
Get the multiplier for use in percent, permill, etc.

getMute() - Method in interface `javax.sound.midi.MidiChannel`  
Obtains the current mute state for this channel.

getName() - Method in class `java.awt.Component`  
Gets the name of the component.

getName() - Method in class `java.awt.MenuComponent`  
Gets the name of the menu component.

getName() - Method in class `java.awt.Font`  
Returns the logical name of this Font.

getName() - Method in class `java.awt.Cursor`  
Returns the name of this cursor.

getName() - Method in class `java.awt.datatransfer.Clipboard`  
Returns the name of this clipboard object.

getName() - Method in class `java.beans.FeatureDescriptor`  
Gets the programmatic name of this feature.

Specifies the number of cells in a column for the component's display area.

GridLayout - class java.awt.GridLayout.  
The GridLayout class is a layout manager that lays out a container's components in a rectangular grid.

GridLayout() - Constructor for class java.awt.GridLayout  
Creates a grid layout with a default of one column per component, in a single row.

GridLayout(int, int) - Constructor for class java.awt.GridLayout  
Creates a grid layout with the specified number of rows and columns.

GridLayout(int, int, int, int) - Constructor for class java.awt.GridLayout  
Creates a grid layout with the specified number of rows and columns.

gridwidth - Variable in class java.awt.GridBagConstraints  
Specifies the number of cells in a row for the component's display area.

gridx - Variable in class java.awt.GridBagConstraints  
Specifies the cell at the left of the component's display area, where the leftmost cell has gridx=0.

gridy - Variable in class java.awt.GridBagConstraints  
Specifies the cell at the top of the component's display area, where the topmost cell has gridy=0.

group - Variable in class javax.swing.DefaultButtonModel

Group - interface java.security.acl.Group.  
This interface is used to represent a group of principals.

grow(int, int) - Method in class java.awt.Rectangle  
Resizes the Rectangle both horizontally and vertically.

growAbsorb - Variable in class java.awt.font.GlyphJustificationInfo  
If true, this glyph absorbs all extra space at this and lower priority levels when it grows.

growLeftLimit - Variable in class java.awt.font.GlyphJustificationInfo  
The maximum amount by which the left side of this glyph can grow.

growPriority - Variable in class java.awt.font.GlyphJustificationInfo  
The priority level of this glyph as it is growing.

growRightLimit - Variable in class java.awt.font.GlyphJustificationInfo  
The maximum amount by which the right side of this glyph can grow.

Guard - interface java.security.Guard.  
This interface represents a guard, which is an object that is used to protect access to another object.

GuardedObject - class java.security.GuardedObject.  
A GuardedObject is an object that is used to protect access to another object.

GuardedObject(Object, Guard) - Constructor for class java.security.GuardedObject  
Constructs a GuardedObject using the specified object and guard.

guessContentTypeFromName(String) - Static method in class java.net.URLConnection  
Tries to determine the content type of an object, based on the specified "file" component of a URL.

guessContentTypeFromStream(InputStream) - Static method in class java.net.URLConnection  
Tries to determine the type of an input stream based on the characters at the beginning of the input stream.

GUJARATI - Static variable in class java.lang.Character.UnicodeBlock  
Constant for the Unicode character block of the same name.

GURMUKHI - Static variable in class java.lang.Character.UnicodeBlock  
Constant for the Unicode character block of the same name.

GZIP\_MAGIC - Static variable in class java.util.zip.GZIPOutputStream  
GZIP header magic number.

GZIPOutputStream - class java.util.zip.GZIPOutputStream.  
This class implements a stream filter for reading compressed data in the GZIP format.

GZIPOutputStream(InputStream) - Constructor for class java.util.zip.GZIPOutputStream  
Creates a new input stream with a default buffer size.

GZIPOutputStream(InputStream, int) - Constructor for class java.util.zip.GZIPOutputStream  
Creates a new input stream with the specified buffer size.

[GZIPOutputStream](#) - class java.util.zip.[GZIPOutputStream](#).

This class implements a stream filter for writing compressed data in the GZIP file format.

[GZIPOutputStream\(OutputStream\)](#) - Constructor for class java.util.zip.[GZIPOutputStream](#)

Creates a new output stream with a default buffer size.

[GZIPOutputStream\(OutputStream, int\)](#) - Constructor for class java.util.zip.[GZIPOutputStream](#)

Creates a new output stream with the specified buffer size.

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*Java™ 2 Platform*

*Std. Ed. v1.3.1*

[PREV LETTER](#) [NEXT LETTER](#)

[FRAMES](#) [NO FRAMES](#)

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [\\_](#)

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[Submit a bug or feature](#)

For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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getName() - Method in class `java.io.File`  
    Returns the name of the file or directory denoted by this abstract pathname.

getName() - Method in class `java.io.ObjectStreamClass`  
    The name of the class described by this descriptor.

getName() - Method in class `java.io.ObjectStreamField`  
    Get the name of this field.

getName() - Method in class `java.lang.ThreadGroup`  
    Returns the name of this thread group.

getName() - Method in class `java.lang.Thread`  
    Returns this thread's name.

getName() - Method in class `java.lang.Package`  
    Return the name of this package.

getName() - Method in class `java.lang.Class`  
    Returns the fully-qualified name of the entity (class, interface, array class, primitive type, or void) represented by this Class object, as a String.

getName() - Method in interface `java.lang.reflect.Member`  
    Returns the simple name of the underlying member or constructor represented by this Member.

getName() - Method in class `java.lang.reflect.Method`  
    Returns the name of the method represented by this Method object, as a String.

getName() - Method in class `java.lang.reflect.Field`  
    Returns the name of the field represented by this Field object.

getName() - Method in class `java.lang.reflect.Constructor`  
    Returns the name of this constructor, as a string.

getName() - Method in class `java.security.Permission`  
    Returns the name of this Permission.

getName() - Method in class `java.security.Provider`  
    Returns the name of this provider.

getName() - Method in class `java.security.Identity`  
    Deprecated. Returns this identity's name.

getName() - Method in interface `java.security.Principal`  
    Returns the name of this principal.

getName() - Method in interface `java.security.acl.Acl`  
    Returns the name of this ACL.

getName() - Method in class `java.text.AttributedCharacterIterator.Attribute`  
    Returns the name of the attribute.

getName() - Method in class `java.util.zip.ZipFile`  
    Returns the path name of the ZIP file.

getName() - Method in class `java.util.zip.ZipEntry`  
    Returns the name of the entry.

getName() - Method in class `javax.sound.sampled.Mixer.Info`  
    Obtains the name of the mixer.

getName() - Method in class `javax.sound.sampled.Port.Info`  
    Obtains the name of the port.

getName() - Method in class `javax.sound.midi.SoundbankResource`  
    Obtains the name of the resource.

getName() - Method in interface `javax.sound.midi.Soundbank`  
    Obtains the name of the sound bank.

getName() - Method in class `javax.sound.midi.MidiDevice.Info`  
    Obtains the name of the device.

getName() - Method in class `javax.naming.NameClassPair`  
    Retrieves the name of this binding.

getName() - Method in class `javax.swing.LookAndFeel`  
    Return a short string that identifies this look and feel, e.g.

getName() - Method in class `javax.swing.UIManager.LookAndFeelInfo`  
    Returns the name of the look and feel in a form suitable for a menu or other presentation

getName() - Method in interface `javax.swing.text.Keymap`  
    Fetches the name of the set of key-bindings.

getName() - Method in interface javax.swing.text.Element  
Fetches the name of the element.

getName() - Method in interface javax.swing.text.Style  
Fetches the name of the style.

getName() - Method in class javax.swing.text.StyleContext.NamedStyle  
Fetches the name of the style.

getName() - Method in class javax.swing.text.AbstractDocument.AbstractElement  
Gets the name of the element.

getName() - Method in class javax.swing.text.AbstractDocument.BranchElement  
Gets the element name.

getName() - Method in class javax.swing.text.AbstractDocument.LeafElement  
Gets the element name.

getName() - Method in class javax.swing.text.DefaultStyledDocument.SectionElement  
Gets the name of the element.

getName() - Method in class javax.swing.text.html.HTMLDocument.RunElement  
Gets the name of the element.

getName() - Method in class javax.swing.text.html.HTMLDocument.BlockElement  
Gets the name of the element.

getName() - Method in class javax.swing.text.html.parser.AttributeList

getName() - Method in class javax.swing.text.html.parserDTD  
Get the name of the DTD.

getName() - Method in class javax.swing.text.html.parser.Element  
Get the name of the element.

getName() - Method in class javax.swing.text.html.parser.Entity  
Get the name of the entity.

getName() - Method in class javax.swing.plaf.metal.MetalLookAndFeel

getName() - Method in class javax.swing.plaf.metal.MetalTheme

getName() - Method in class javax.swing.plaf.metal.DefaultMetalTheme

getName() - Method in class javax.swing.plaf.multi.MultiLookAndFeel

getName(File) - Method in class javax.swing.JFileChooser  
Returns the filename.

getName(File) - Method in class javax.swing.filechooser.FileView  
The name of the file.

getName(File) - Method in class javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView

getName(int) - Method in class java.awt.color.ColorSpace  
Returns the name of the component given the component index

getNameInNamespace() - Method in class javax.naming.InitialContext

getNameInNamespace() - Method in interface javax.naming.Context  
Retrieves the full name of this context within its own namespace.

getNameParser(Name) - Method in class javax.naming.InitialContext

getNameParser(Name) - Method in interface javax.naming.Context  
Retrieves the parser associated with the named context.

getNameParser(String) - Method in class javax.naming.InitialContext

getNameParser(String) - Method in interface javax.naming.Context  
Retrieves the parser associated with the named context.

getNaN() - Method in class java.text.DecimalFormatSymbols  
Gets the character used to represent NaN.

getNanos() - Method in class java.sql.Timestamp

Gets this `Timestamp` object's nanos value.

[getNativeContainer\(Component\)](#) - Static method in class `java.awt.Toolkit`  
 Give native peers the ability to query the native container given a native component (eg the direct parent may be lightweight).

[getNativesForFlavors\(DataFlavor\[\]\)](#) - Method in class `java.awt.datatransfer.SystemFlavorMap`  
 map flavors to native data types names

[getNativesForFlavors\(DataFlavor\[\]\)](#) - Method in interface `java.awt.datatransfer.FlavorMap`  
 map flavors to native data types names

[getNeededLocation\(int, int\)](#) - Method in class  
`javax.swing.plaf.basic.BasicSplitPaneDivider.DragController`  
 Returns the x argument, since this is used for horizontal splits.

[getNeededLocation\(int, int\)](#) - Method in class  
`javax.swing.plaf.basic.BasicSplitPaneDivider.VerticalDragController`  
 Returns the y argument, since this is used for vertical splits.

[getNegativePrefix\(\)](#) - Method in class `java.text.DecimalFormat`  
 Get the negative prefix.

[getNegativeSuffix\(\)](#) - Method in class `java.text.DecimalFormat`  
 Get the negative suffix.

[getNewBinding\(\)](#) - Method in class `javax.naming.event.NamingEvent`  
 Retrieves the binding of the object after the change.

[getNewFolderAction\(\)](#) - Method in class `javax.swing.plaf.basic.BasicFileChooserUI`

[getNewLeadSelectionPath\(\)](#) - Method in class `javax.swing.event.TreeSelectionEvent`  
 Returns the current lead path.

[getNewValue\(\)](#) - Method in class `java.beans.PropertyChangeEvent`  
 Sets the new value for the property, expressed as an Object.

[getNext\(\)](#) - Method in class `javax.swing.text.html.parser.AttributeList`

[getNextEastWestVisualPositionFrom\(int, Position.Bias, Shape, int, Position.Bias\[\]\)](#) - Method in class  
`javax.swing.text.CompositeView`  
 Returns the next visual position for the cursor, in either the east or west direction.

[getNextEntry\(\)](#) - Method in class `java.util.jar.JarInputStream`  
 Reads the next ZIP file entry and positions stream at the beginning of the entry data.

[getNextEntry\(\)](#) - Method in class `java.util.zip.ZipInputStream`  
 Reads the next ZIP file entry and positions stream at the beginning of the entry data.

[getNextEvent\(\)](#) - Method in class `java.awt.EventQueue`  
 Remove an event from the EventQueue and return it.

[getNextException\(\)](#) - Method in class `java.sql.SQLException`  
 Retrieves the exception chained to this `SQLException` object.

[getNextFocusableComponent\(\)](#) - Method in class `javax.swing.JComponent`  
 Returns the next focusable component or null if the focus manager should choose the next focusable component automatically.

[getNextJarEntry\(\)](#) - Method in class `java.util.jar.JarInputStream`  
 Reads the next JAR file entry and positions the stream at the beginning of the entry data.

[getNextLeaf\(\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
 Returns the leaf after this node or null if this node is the last leaf in the tree.

[getNextLeftHit\(int\)](#) - Method in class `java.awt.font.TextLayout`  
 Returns the hit for the next caret to the left (top); if no such hit, returns null.

[getNextLeftHit\(int, TextLayout.CaretPolicy\)](#) - Method in class `java.awt.font.TextLayout`  
 Returns the hit for the next caret to the left (top); if no such hit, returns null.

[getNextLeftHit\(TextHitInfo\)](#) - Method in class `java.awt.font.TextLayout`  
 Returns the hit for the next caret to the left (top); if no such hit, returns null.

[getNextNode\(\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
 Returns the node that follows this node in a preorder traversal of this node's tree.

[getNextNorthSouthVisualPositionFrom\(int, Position.Bias, Shape, int, Position.Bias\[\]\)](#) - Method in class  
`javax.swing.text.CompositeView`  
 Returns the next visual position for the cursor, in either the east or west direction.

getNextNorthSouthVisualPositionFrom(int, Position.Bias, Shape, int, Position.Bias[]) - Method in class javax.swing.text.ParagraphView  
    Overrides from CompositeView.

getNextRightHit(int) - Method in class java.awt.font.TextLayout  
    Returns the hit for the next caret to the right (bottom); if no such hit, returns null.

getNextRightHit(int, TextLayout.CaretPolicy) - Method in class java.awt.font.TextLayout  
    Returns the hit for the next caret to the right (bottom); if no such hit, returns null.

getNextRightHit(TextHitInfo) - Method in class java.awt.font.TextLayout  
    Returns the hit for the next caret to the right (bottom); if there is no such hit, returns null.

getNextSibling() - Method in class javax.swing.tree.DefaultMutableTreeNode  
    Returns the next sibling of this node in the parent's children array.

getNextTabIndex(int) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getNextUpdate() - Method in class java.security.cert.X509CRL  
    Gets the nextUpdate date from the CRL.

getNextVisualPositionFrom(GlyphView, int, Position.Bias, Shape, int, Position.Bias[]) - Method in class javax.swing.text.GlyphView.GlyphPainter  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextVisualPositionFrom(int, Position.Bias, Shape, int, Position.Bias[]) - Method in class javax.swing.text.View  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextVisualPositionFrom(int, Position.Bias, Shape, int, Position.Bias[]) - Method in class javax.swing.text.CompositeView  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextVisualPositionFrom(int, Position.Bias, Shape, int, Position.Bias[]) - Method in class javax.swing.text.GlyphView  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextVisualPositionFrom(JTextComponent, int, Position.Bias, int, Position.Bias[]) - Method in class javax.swing.plaf.TextUI  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextVisualPositionFrom(JTextComponent, int, Position.Bias, int, Position.Bias[]) - Method in class javax.swing.plaf.basic.BasicTextUI  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextVisualPositionFrom(JTextComponent, int, Position.Bias, int, Position.Bias[]) - Method in class javax.swing.plaf.multi.MultiTextUI  
    Provides a way to determine the next visually represented model location that one might place a caret.

getNextWarning() - Method in class java.sql.SQLWarning  
    Retrieves the warning chained to this SQLWarning object.

getNextWord(JTextComponent, int) - Static method in class javax.swing.text.Utilities  
    Determines the start of the next word for the given location.

getNodeDimensions() - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the object that renders nodes in the tree, and which is responsible for calculating the dimensions of individual nodes.

getNodeDimensions(Object, int, int, boolean, Rectangle) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns, by reference in size, the size needed to represent value.

getNodeDimensions(Object, int, int, boolean, Rectangle) - Method in class javax.swing.tree.AbstractLayoutCache.NodeDimensions  
    Returns, by reference in bounds, the size and x origin to place value at.

[getNodeDimensions\(Object, int, int, boolean, Rectangle\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI.NodeDimensionsHandler  
Responsible for getting the size of a particular node.

[getNonContinuousLayoutDivider\(\)](#) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI  
Returns the divider to use when the splitPane is configured to not continuously layout.

[getNonCriticalExtensionOIDs\(\)](#) - Method in interface java.security.cert.X509Extension  
Gets a Set of the OID strings for the extension(s) marked NON-CRITICAL in the certificate/CRL managed by the object implementing this interface.

[getNormalBounds\(\)](#) - Method in class javax.swing.JInternalFrame  
If the JInternalFrame is not in maximized state, return getBounds(); otherwise, return the bounds that the JInternalFrame would be restored to.

[getNormalizedComponents\(int\[\], int, float\[\], int\)](#) - Method in class java.awt.image.ColorModel  
Returns an array of all of the color/alpha components in normalized form, given an unnormalized component array.

[getNormalizingTransform\(\)](#) - Method in class java.awt.GraphicsConfiguration  
Returns a AffineTransform that can be concatenated with the default AffineTransform of a GraphicsConfiguration so that 72 units in user space equals 1 inch in device space.

[getNorthPane\(\)](#) - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

[getNotAfter\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the notAfter date from the validity period of the certificate.

[getNotBefore\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the notBefore date from the validity period of the certificate.

[getNote\(\)](#) - Method in class javax.swing.ProgressMonitor  
Specifies the additional note that is displayed along with the progress message.

[getNotification\(\)](#) - Method in class javax.naming.ldap.UnsolicitedNotificationEvent  
Returns the unsolicited notification.

[getNumBands\(\)](#) - Method in class java.awt.image.SampleModel  
Returns the total number of bands of image data.

[getNumBands\(\)](#) - Method in class java.awt.image.Raster  
Returns the number of bands (samples per pixel) in this Raster.

[getNumBanks\(\)](#) - Method in class java.awt.image.DataBuffer  
Returns the number of banks in this DataBuffer.

[getNumberFormat\(\)](#) - Method in class java.text.DateFormat  
Gets the number formatter which this date/time formatter uses to format and parse a time.

[getNumberInstance\(\)](#) - Static method in class java.text.NumberFormat  
Returns a general-purpose number format for the current default locale.

[getNumberInstance\(Locale\)](#) - Static method in class java.text.NumberFormat  
Returns a general-purpose number format for the specified locale.

[getNumberOfPages\(\)](#) - Method in class java.awt.print.Book  
Returns the number of pages in this Book.

[getNumberOfPages\(\)](#) - Method in interface java.awt.print.Pageable  
Returns the number of pages in the set.

[getNumChars\(\)](#) - Method in class java.awt.font.LineMetrics  
Returns the number of characters in the text whose metrics are encapsulated by this LineMetrics object.

[getNumColorComponents\(\)](#) - Method in class java.awt.image.ColorModel  
Returns the number of color components in this ColorModel.

[getNumComponents\(\)](#) - Method in class java.awt.color.ICC\_Profile  
Returns the number of color components in the "input" color space of this profile.

[getNumComponents\(\)](#) - Method in class java.awt.color.ColorSpace  
Returns the number of components of this ColorSpace.

[getNumComponents\(\)](#) - Method in class java.awt.image.LookupTable  
Returns the number of components in the lookup table.

[getNumComponents\(\)](#) - Method in class java.awt.image.ColorModel  
Returns the number of components, including alpha, in this ColorModel.

[getNumDataElements\(\)](#) - Method in class java.awt.image.SampleModel

Returns the number of data elements needed to transfer a pixel via the `getDataElements` and `setDataElements` methods.

[getNumDataElements\(\)](#) - Method in class `java.awt.image.ComponentSampleModel`  
Returns the number of data elements needed to transfer a pixel via the `getDataElements` and `setDataElements` methods.

[getNumDataElements\(\)](#) - Method in class `java.awt.image.Raster`  
Returns the number of data elements needed to transfer one pixel via the `getDataElements` and `setDataElements` methods.

[getNumDataElements\(\)](#) - Method in class `java.awt.image.MultiPixelPackedSampleModel`  
Returns the number of data elements needed to transfer one pixel via the `MultiPixelPackedSampleModel.getDataElements(int, int, java.lang.Object, java.awt.image.DataBuffer)` and `MultiPixelPackedSampleModel.setDataElements(int, int, java.lang.Object, java.awt.image.DataBuffer)` methods.

[getNumDataElements\(\)](#) - Method in class `java.awt.image.SinglePixelPackedSampleModel`  
Returns the number of data elements needed to transfer one pixel via the `getDataElements` and `setDataElements` methods.

[getNumDesignAxes\(\)](#) - Method in interface `java.awt.font.MultipleMaster`  
Returns the number of multiple master design controls.

[getNumericFunctions\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
Gets a comma-separated list of math functions.

[getNumericValue\(char\)](#) - Static method in class `java.lang.Character`  
Returns the Unicode numeric value of the character as a nonnegative integer.

[getNumFactors\(\)](#) - Method in class `java.awt.image.RescaleOp`  
Returns the number of scaling factors and offsets used in this `RescaleOp`.

[getNumGlyphs\(\)](#) - Method in class `java.awt.Font`  
Returns the number of glyphs in this `Font`.

[getNumGlyphs\(\)](#) - Method in class `java.awt.font.GlyphVector`  
Returns the number of glyphs in this `GlyphVector`.

[getNumParameters\(\)](#) - Method in class `java.awt.image.renderable.ParameterBlock`  
Returns the number of parameters (not including source images).

[getNumSources\(\)](#) - Method in class `java.awt.image.renderable.ParameterBlock`  
Returns the number of source images.

[getNumXTiles\(\)](#) - Method in interface `java.awt.image.RenderedImage`  
Returns the number of tiles in the X direction.

[getNumXTiles\(\)](#) - Method in class `java.awt.image BufferedImage`  
Returns the number of tiles in the x direction.

[getNumYTiles\(\)](#) - Method in interface `java.awt.image.RenderedImage`  
Returns the number of tiles in the Y direction.

[getNumYTiles\(\)](#) - Method in class `java.awt.image.BufferedImage`  
Returns the number of tiles in the y direction.

[getObject\(\)](#) - Method in class `java.security.GuardedObject`  
Retrieves the guarded object, or throws an exception if access to the guarded object is denied by the guard.

[getObject\(\)](#) - Method in class `java.security.SignedObject`  
Retrieves the encapsulated object.

[getObject\(\)](#) - Method in class `javax.naming.Binding`  
Retrieves the object bound to the name of this binding.

[getObject\(\)](#) - Method in class `javax.naming.spi.DirStateFactory.Result`  
Retrieves the object to be bound.

[getObject\(int\)](#) - Method in interface `java.sql.CallableStatement`  
Gets the value of a parameter as an Object in the Java programming language.

[getObject\(int\)](#) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as an Object in the Java programming language.

[getObject\(int, Map\)](#) - Method in interface `java.sql.CallableStatement`  
Returns an object representing the value of OUT parameter i and uses map for the custom mapping of the parameter value.

getObject(int, Map) - Method in interface java.sql.ResultSet  
Returns the value of the designated column in the current row of this ResultSet object as an Object in the Java programming language.

getObject(String) - Method in interface java.sql.ResultSet  
Gets the value of the designated column in the current row of this ResultSet object as an Object in the Java programming language.

getObject(String) - Method in class java.util.ResourceBundle  
Get an object from a ResourceBundle.

getObject(String, Map) - Method in interface java.sql.ResultSet  
Returns the value of the designated column in the current row of this ResultSet object as an Object in the Java programming language.

getObjectForLayer(int) - Method in class javax.swing.JLayeredPane  
Returns the Integer object associated with a specified layer.

getObjectInstance(Object, Name, Context, Hashtable) - Method in interface javax.naming.spi.ObjectFactory  
Creates an object using the location or reference information specified.

getObjectInstance(Object, Name, Context, Hashtable) - Static method in class javax.naming.spi.NamingManager  
Creates an instance of an object for the specified object and environment.

getObjectInstance(Object, Name, Context, Hashtable, Attributes) - Static method in class javax.naming.spi.DirectoryManager  
Creates an instance of an object for the specified object, attributes, and environment.

getObjectInstance(Object, Name, Context, Hashtable, Attributes) - Method in interface javax.naming.spi.DirObjectFactory  
Creates an object using the location or reference information, and attributes specified.

getObjectParameter(int) - Method in class java.awt.image.renderable.ParameterBlock  
Gets a parameter as an object.

getObjectStreamClass() - Method in class java.io.ObjectInputStream.GetField  
Get the ObjectStreamClass that describes the fields in the stream.

getOffscreenBuffer(Component, int, int) - Method in class javax.swing.RepaintManager  
Return the offscreen buffer that should be used as a double buffer with the component c By default there is a double buffer per RepaintManager.

getOffset() - Method in class java.awt.image.DataBuffer  
Returns the offset of the default bank in array elements.

getOffset() - Method in class java.awt.image.LookupTable  
Returns the offset.

getOffset() - Method in class java.io.ObjectStreamField  
Offset of field within instance data.

getOffset() - Method in class java.net.DatagramPacket  
Returns the offset of the data to be sent or the offset of the data received.

getOffset() - Method in class java.text.CollationElementIterator  
Returns the character offset in the original text corresponding to the next collation element.

getOffset() - Method in interface javax.swing.event.DocumentEvent  
Returns the offset within the document of the start of the change.

getOffset() - Method in interface javax.swing.text.Position  
Fetches the current offset within the document.

getOffset() - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent  
Returns the offset within the document of the start of the change.

getOffset() - Method in class javax.swing.text.DefaultStyledDocument.ElementSpec  
Gets the starting offset.

getOffset() - Method in class javax.swing.plaf.basic.BasicToolBarUI.DragWindow

getOffset(int, int) - Method in class java.awt.image.ComponentSampleModel  
Gets the offset for the first band of pixel (x,y).

getOffset(int, int) - Method in class java.awt.image.MultiPixelPackedSampleModel  
Returns the offset of pixel (x, y) in data array elements.

getOffset(int, int) - Method in class java.awt.image.SinglePixelPackedSampleModel

Returns the offset (in data array elements) of pixel (x,y).

getOffset(int, int) - Method in class javax.swing.text.BoxView  
Fetch the offset of a particular child's current layout

getOffset(int, int, int) - Method in class java.awt.image.ComponentSampleModel  
Gets the offset for band b of pixel (x,y).

getOffset(int, int, int, int, int, int) - Method in class java.util.TimeZone  
Gets the time zone offset, for current date, modified in case of daylight savings.

getOffset(int, int, int, int, int, int) - Method in class java.util.SimpleTimeZone  
Returns the difference in milliseconds between local time and UTC, taking into account both the raw offset and the effect of daylight savings, for the specified date and time.

getOffsetHit(int) - Method in class java.awt.font.TextHitInfo  
Creates a TextHitInfo whose character index is offset by delta from the charIndex of this TextHitInfo.

getOffsets() - Method in class java.awt.image.DataBuffer  
Returns the offsets (in array elements) of all the banks.

getOffsets(float[]) - Method in class java.awt.image.RescaleOp  
Returns the offsets in the given array.

getOldBinding() - Method in class javax.naming.event.NamingEvent  
Retrieves the binding of the object before the change.

getOldLeadSelectionPath() - Method in class javax.swing.event.TreeSelectionEvent  
Returns the path that was previously the lead path.

getOldValue() - Method in class java.beans.PropertyChangeEvent  
Gets the old value for the property, expressed as an Object.

getOmni() - Method in interface javax.sound.midi.MidiChannel  
Obtains the current omni mode status.

getOpenIcon() - Method in class javax.swing.tree.DefaultTreeCellRenderer  
Returns the icon used to represent non-leaf nodes that are expanded.

getOperation() - Method in class java.rmi.server.Operation  
Deprecated. *no replacement*

getOperations() - Method in interface java.rmi.server.Skeleton  
Deprecated. *no replacement*

getOption(int) - Method in interface java.net.SocketOptions  
Fetch the value of an option.

getOptions() - Method in class javax.swing.JOptionPane  
Returns the choices the user can make.

getOptionType() - Method in class javax.swing.JOptionPane  
Returns the type of options that are displayed.

getOrientation() - Method in class java.awt.Scrollbar  
Determines the orientation of this scroll bar.

getOrientation() - Method in interface java.awt.Adjustable  
Gets the orientation of the adjustable object.

getOrientation() - Method in class java.awt.print.PageFormat  
Returns the orientation of this PageFormat.

getOrientation() - Method in class javax.swing.JSeparator  
Returns the orientation of this separator.

getOrientation() - Method in class javax.swing.JSplitPane  
Returns the orientation.

getOrientation() - Method in class javax.swing.JToolBar  
Returns the current orientation of the toolbar.

getOrientation() - Method in class javax.swing.JScrollBar  
Returns the component's orientation (horizontal or vertical).

getOrientation() - Method in class javax.swing.JProgressBar  
Returns JProgressBar.VERTICAL or JProgressBar.HORIZONTAL, depending on the orientation of the progress bar.

getOrientation() - Method in class javax.swing.JSlider  
Return this slider's vertical or horizontal orientation.

getOrientation() - Method in class javax.swing.plaf.basic.BasicSplitPaneUI

Returns the orientation for the JSplitPane.

[getOrientation\(Locale\)](#) - Static method in class java.awt.ComponentOrientation  
Return the orientation that is appropriate for the given locale

[getOrientation\(ResourceBundle\)](#) - Static method in class java.awt.ComponentOrientation  
Return the orientation appropriate for the given ResourceBundle's localization.

[getOrientationRequested\(\)](#) - Method in class java.awt.PageAttributes  
Returns the print orientation for pages using these attributes.

[getOrigin\(\)](#) - Method in class java.awt.PageAttributes  
Returns whether drawing at (0, 0) to pages using these attributes draws at the upper-left corner of the physical page, or at the upper-left corner of the printable area.

[getOtherHit\(\)](#) - Method in class java.awt.font.TextHitInfo  
Creates a TextHitInfo on the other side of the insertion point.

[getOutline\(\)](#) - Method in class java.awt.font.GlyphVector  
Returns a Shape whose interior corresponds to the visual representation of this GlyphVector.

[getOutline\(AffineTransform\)](#) - Method in class java.awt.font.TextLayout  
Returns a Shape representing the outline of this TextLayout.

[getOutline\(float, float\)](#) - Method in class java.awt.font.GlyphVector  
Returns a Shape whose interior corresponds to the visual representation of this GlyphVector, offset to x, y.

[getOutputStream\(\)](#) - Method in class java.lang.Process  
Gets the output stream of the subprocess.

[getOutputStream\(\)](#) - Method in class java.net.URLConnection  
Returns an output stream that writes to this connection.

[getOutputStream\(\)](#) - Method in class java.net.SocketImpl  
Returns an output stream for this socket.

[getOutputStream\(\)](#) - Method in class java.net.Socket  
Returns an output stream for this socket.

[getOutputStream\(\)](#) - Method in interface java.rmi.server.RemoteCall  
Deprecated. no replacement

[getOutputStream\(\)](#) - Method in class java.rmi.server.LogStream  
Deprecated. no replacement

[getOutsideBorder\(\)](#) - Method in class javax.swing.border.CompoundBorder  
Returns the outside border object.

[getOwnedWindows\(\)](#) - Method in class java.awt.Window  
Return an array containing all the windows this window currently owns.

[getOwner\(\)](#) - Method in class java.awt.Window  
Returns the owner of this window.

[getP\(\)](#) - Method in interface java.security.interfaces.DSAPrivateParams  
Returns the prime, p.

[getP\(\)](#) - Method in class java.security.spec.DSAPrivateKeySpec  
Returns the prime p.

[getP\(\)](#) - Method in class java.security.spec.DSAPublicKeySpec  
Returns the prime p.

[getP\(\)](#) - Method in class java.security.spec.DSAPrivateParameterSpec  
Returns the prime p.

[getP1\(\)](#) - Method in class java.awt.geom.Line2D  
Returns the starting Point2D of this Line2D.

[getP1\(\)](#) - Method in class java.awt.geom.Line2D.Float  
Returns the start point.

[getP1\(\)](#) - Method in class java.awt.geom.Line2D.Double  
Returns the starting Point2D of this Line2D.

[getP1\(\)](#) - Method in class java.awt.geom.QuadCurve2D  
Returns the start point.

[getP1\(\)](#) - Method in class java.awt.geom.QuadCurve2D.Float  
Returns the start point.

[getP1\(\)](#) - Method in class java.awt.geom.QuadCurve2D.Double  
Returns the start point.

[getP1\(\)](#) - Method in class `java.awt.geom.CubicCurve2D`  
    Returns the start point.

[getP1\(\)](#) - Method in class `java.awt.geom.CubicCurve2D.Float`  
    Returns the start point.

[getP1\(\)](#) - Method in class `java.awt.geom.CubicCurve2D.Double`  
    Returns the start point.

[getP2\(\)](#) - Method in class `java.awt.geom.Line2D`  
    Returns the end Point2D of this Line2D.

[getP2\(\)](#) - Method in class `java.awt.geom.Line2D.Float`  
    Returns the end point.

[getP2\(\)](#) - Method in class `java.awt.geom.Line2D.Double`  
    Returns the end Point2D of this Line2D.

[getP2\(\)](#) - Method in class `java.awt.geom.QuadCurve2D`  
    Returns the end point.

[getP2\(\)](#) - Method in class `java.awt.geom.QuadCurve2D.Float`  
    Returns the end point.

[getP2\(\)](#) - Method in class `java.awt.geom.QuadCurve2D.Double`  
    Returns the end point.

[getP2\(\)](#) - Method in class `java.awt.geom.CubicCurve2D`  
    Returns the end point.

[getP2\(\)](#) - Method in class `java.awt.geom.CubicCurve2D.Float`  
    Returns the end point.

[getP2\(\)](#) - Method in class `java.awt.geom.CubicCurve2D.Double`  
    Returns the end point.

[getPackage\(\)](#) - Method in class `java.lang.Class`  
    Gets the package for this class.

[getPackage\(String\)](#) - Static method in class `java.lang.Package`  
    Find a package by name in the callers classloader.

[getPackage\(String\)](#) - Method in class `java.lang.ClassLoader`  
    Returns a Package that has been defined by this class loader or any of its ancestors.

[getPackages\(\)](#) - Static method in class `java.lang.Package`  
    Get all the packages currently known for the caller's class loader.

[getPackages\(\)](#) - Method in class `java.lang.ClassLoader`  
    Returns all of the Packages defined by this class loader and its ancestors.

[getPadding\(\)](#) - Method in class `javax.swing.plaf.basic.BasicOptionPaneUI.ButtonAreaLayout`

[getPage\(\)](#) - Method in class `javax.swing.JEditorPane`  
    Gets the current URL being displayed.

[getPageDimension\(\)](#) - Method in class `java.awt.PrintJob`  
    Returns the dimensions of the page in pixels.

[getPageFormat\(int\)](#) - Method in class `java.awt.print.Book`  
    Returns the [PageFormat](#) of the page specified by pageIndex.

[getPageFormat\(int\)](#) - Method in interface `java.awt.print.Pageable`  
    Returns the PageFormat of the page specified by pageIndex.

[getPageIncrement\(\)](#) - Method in class `java.awt.Scrollbar`  
    Deprecated. As of JDK version 1.1, replaced by `getBlockIncrement()`.

[getPageRanges\(\)](#) - Method in class `java.awt.JobAttributes`  
    Specifies, for jobs using these attributes, the ranges of pages to be printed, if a range of pages is to be printed.

[getPageResolution\(\)](#) - Method in class `java.awt.PrintJob`  
    Returns the resolution of the page in pixels per inch.

[getPaint\(\)](#) - Method in class `java.awt.Graphics2D`  
    Returns the current Paint of the Graphics2D context.

[getPainter\(\)](#) - Method in interface `javax.swing.text.Highlighter.Highlight`  
    Gets the painter for the highlighter.

[getPainter\(GlyphView, int, int\)](#) - Method in class `javax.swing.text.GlyphView.GlyphPainter`  
    Create a painter to use for the given GlyphView.

getPaintLabels() - Method in class javax.swing.JSlider  
Tells if labels are to be painted.

getPaintTicks() - Method in class javax.swing.JSlider  
Tells if tick marks are to be painted.

getPaintTrack() - Method in class javax.swing.JSlider  
Tells if the track (area the slider slides in) is to be painted.

getPaper() - Method in class java.awt.print.PageFormat  
Returns a copy of the Paper object associated with this PageFormat.

getParagraphAttributes() - Method in class javax.swing.JTextPane  
Fetches the current paragraph attributes in effect at the location of the caret, or null if none.

getParagraphElement(int) - Method in class javax.swing.text.AbstractDocument  
Get the paragraph element containing the given position.

getParagraphElement(int) - Method in interface javax.swing.text.StyledDocument  
Gets the element that represents the paragraph that encloses the given offset within the document.

getParagraphElement(int) - Method in class javax.swing.text.PlainDocument  
Get the paragraph element containing the given position.

getParagraphElement(int) - Method in class javax.swing.text.DefaultStyledDocument  
Gets the paragraph element at the offset pos.

getParagraphElement(JTextComponent, int) - Static method in class javax.swing.text.Utilities  
Determines the element to use for a paragraph/line.

getParamClasses() - Method in class java.awt.image.renderable.ParameterBlock  
Returns an array of Class objects describing the types of the parameters.

getParameter() - Method in class java.sql.DataTruncation  
Indicates whether the value truncated was a parameter value or a column value.

getParameter(String) - Method in class java.applet.Applet  
Returns the value of the named parameter in the HTML tag.

getParameter(String) - Method in interface java.applet.AppletStub  
Returns the value of the named parameter in the HTML tag.

getParameter(String) - Method in class java.awt.datatransfer.DataFlavor

getParameter(String) - Method in class java.security.Signature  
Deprecated.

getParameterBlock() - Method in class java.awt.image.renderable.RenderableImageOp  
Returns a reference to the current parameter block.

getParameterDescriptors() - Method in class java.beans.MethodDescriptor  
Gets the ParameterDescriptor for each of this MethodDescriptor's method's parameters.

getParameterInfo() - Method in class java.applet.Applet  
Returns information about the parameters than are understood by this applet.

getParameters() - Method in class java.awt.image.renderable.ParameterBlock  
Returns the entire Vector of parameters.

getParameterSpec(Class) - Method in class java.security.AlgorithmParameters  
Returns a (transparent) specification of this parameter object.

getParameterTypes() - Method in class java.lang.reflect.Method  
Returns an array of Class objects that represent the formal parameter types, in declaration order, of the method represented by this Method object.

getParameterTypes() - Method in class java.lang.reflect.Constructor  
Returns an array of Class objects that represent the formal parameter types, in declaration order, of the constructor represented by this Constructor object.

getParams() - Method in interface java.security.interfaces.DSAKey  
Returns the DSA-specific key parameters.

getParent() - Method in class java.awt.Component  
Gets the parent of this component.

getParent() - Method in class java.awt.MenuComponent  
Returns the parent container for this menu component.

getParent() - Method in class java.awt.image.Raster

Returns the parent Raster (if any) of this Raster, or else null.

getParent() - Method in class `java.io.File`  
Returns the pathname string of this abstract pathname's parent, or null if this pathname does not name a parent directory.

getParent() - Method in class `java.lang.ThreadGroup`  
Returns the parent of this thread group.

getParent() - Method in class `java.lang.ClassLoader`  
Returns the parent class loader for delegation.

getParent() - Method in class `javax.swing.InputMap`  
Gets this InputMap's parent.

getParent() - Method in class `javax.swing.ActionMap`  
Returns this ActionMap's parent.

getParent() - Method in class `javax.swing.text.View`  
Returns the parent of the view.

getParent() - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
Returns the parent TreeNode of the receiver.

getParent() - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns this node's parent or null if this node has no parent.

getParent() - Method in interface `javax.swing.tree.TreeNode`  
Returns the parent TreeNode of the receiver.

getParentDirectory(File) - Method in class `javax.swing.filechooser.FileSystemView`  
Returns the parent directory of dir.

getParentElement() - Method in interface `javax.swing.text.Element`  
Fetches the parent element.

getParentElement() - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
Gets the parent of the element.

getParentFile() - Method in class `java.io.File`  
Returns the abstract pathname of this abstract pathname's parent, or null if this pathname does not name a parent directory.

getParentPath() - Method in class `javax.swing.tree.TreePath`  
Returns a path containing all the elements of this object, except the last path component.

getParser() - Method in class `javax.swing.text.html.HTMLDocument`  
Returns the parser that is used when inserting HTML into the existing document.

getParser() - Method in class `javax.swing.text.html.HTMLElementKit`  
Fetch the parser to use for reading HTML streams.

getPartialSize(int, int) - Method in class `javax.swing.text.ParagraphView`  
Returns the size used by the views between startOffset and endOffset.

getPartialSpan(int, int) - Method in class `javax.swing.text.GlyphView`  
Determines the span along the same axis as tab expansion for a portion of the view.

getPartialSpan(int, int) - Method in interface `javax.swing.text.TabableView`  
Determines the span along the same axis as tab expansion for a portion of the view.

getPassword() - Method in class `java.net.PasswordAuthentication`  
Returns the user password.

getPassword() - Method in class `javax.swing.JPasswordField`  
Returns the text contained in this TextComponent.

getPasswordAuthentication() - Method in class `java.net.Authenticator`  
Called when password authorization is needed.

getPatch() - Method in class `javax.sound.midi.Instrument`  
Obtains the Patch object that indicates the bank and program numbers where this instrument is to be stored in the synthesizer.

getPatchList() - Method in class `javax.sound.midi.Sequence`  
Obtains a list of patches referenced in this sequence.

getPath() - Method in class `java.io.File`  
Converts this abstract pathname into a pathname string.

getPath() - Method in class `java.net.URL`  
Returns the path part of this URL.

getPath() - Method in class `javax.swing.event.MenuKeyEvent`

Returns the path to the menu item referenced by this event.  
[getPath\(\)](#) - Method in class javax.swing.event.TreeSelectionEvent  
    Returns the first path element.  
[getPath\(\)](#) - Method in class javax.swing.event.MenuDragMouseEvent  
    Returns the path to the selected menu item.  
[getPath\(\)](#) - Method in class javax.swing.event.TreeExpansionEvent  
    Returns the path to the value that has been expanded/collapsed.  
[getPath\(\)](#) - Method in class javax.swing.event.TreeModelEvent  
    Convenience method to get the array of objects from the TreePath instance that this event wraps.  
[getPath\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
    Returns the path from the root, to get to this node.  
[getPath\(\)](#) - Method in class javax.swing.tree.TreePath  
    Returns an ordered array of Objects containing the components of this TreePath.  
[getPath\(\)](#) - Method in class javax.swing.plaf.basic.BasicMenuItemUI

[getPathBetweenRows\(int, int\)](#) - Method in class javax.swing.JTree  
    Returns JTreePath instances representing the path between index0 and index1 (including index1).  
[getPathBounds\(JTree, TreePath\)](#) - Method in class javax.swing.plaf.TreeUI  
    Returns the Rectangle enclosing the label portion that the last item in path will be drawn into.  
[getPathBounds\(JTree, TreePath\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI  
    Returns the Rectangle enclosing the label portion that the last item in path will be drawn into.  
[getPathBounds\(JTree, TreePath\)](#) - Method in class javax.swing.plaf.multi.MultiTreeUI  
    Call getPathBounds on each UI handled by this MultiUI.  
[getPathBounds\(TreePath\)](#) - Method in class javax.swing.JTree  
    Returns the Rectangle that the specified node will be drawn into.  
[getPathClosestTo\(int, int\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the path to the node that is closest to x,y.  
[getPathClosestTo\(int, int\)](#) - Method in class javax.swing.tree.VariableHeightLayoutCache  
    Returns the path to the node that is closest to x,y.  
[getPathClosestTo\(int, int\)](#) - Method in class javax.swing.tree.FixedHeightLayoutCache  
    Returns the path to the node that is closest to x,y.  
[getPathComponent\(int\)](#) - Method in class javax.swing.tree.TreePath  
    Returns the path component at the specified index.  
[getPathCount\(\)](#) - Method in class javax.swing.tree.TreePath  
    Returns the number of elements in the path.  
[getPathForLocation\(int, int\)](#) - Method in class javax.swing.JTree  
    Returns the path for the node at the specified location.  
[getPathForRow\(int\)](#) - Method in class javax.swing.JTree  
    Returns the path for the specified row.  
[getPathForRow\(int\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the path for passed in row.  
[getPathForRow\(int\)](#) - Method in class javax.swing.tree.VariableHeightLayoutCache  
    Returns the path for passed in row.  
[getPathForRow\(int\)](#) - Method in class javax.swing.tree.FixedHeightLayoutCache  
    Returns the path for passed in row.  
[getPathForRow\(JTree, int\)](#) - Method in class javax.swing.plaf.TreeUI  
    Returns the path for passed in row.  
[getPathForRow\(JTree, int\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI  
    Returns the path for passed in row.  
[getPathForRow\(JTree, int\)](#) - Method in class javax.swing.plaf.multi.MultiTreeUI  
    Call getPathForRow on each UI handled by this MultiUI.  
[getPathIterator\(AffineTransform\)](#) - Method in class java.awt.Polygon  
    Returns an iterator object that iterates along the boundary of this Polygon and provides

access to the geometry of the outline of this Polygon.

**getPathIterator(AffineTransform)** - Method in interface `java.awt.Shape`  
Returns an iterator object that iterates along the Shape boundary and provides access to the geometry of the Shape outline.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.Rectangle2D`  
Returns an iteration object that defines the boundary of this Rectangle2D.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.RoundRectangle2D`  
Returns an iteration object that defines the boundary of this RoundRectangle2D.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.Area`  
Creates a PathIterator for the outline of this Area object.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.Line2D`  
Returns an iteration object that defines the boundary of this Line2D.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.Arc2D`  
Returns an iteration object that defines the boundary of the arc.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.Ellipse2D`  
Returns an iteration object that defines the boundary of this Ellipse2D.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.GeneralPath`  
Returns a PathIterator object that iterates along the boundary of this Shape and provides access to the geometry of the outline of this Shape.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.QuadCurve2D`  
Returns an iteration object that defines the boundary of the shape of this QuadCurve2D.

**getPathIterator(AffineTransform)** - Method in class `java.awt.geom.CubicCurve2D`  
Returns an iteration object that defines the boundary of the shape.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.Polygon`  
Returns an iterator object that iterates along the boundary of the Shape and provides access to the geometry of the outline of the Shape.

**getPathIterator(AffineTransform, double)** - Method in interface `java.awt.Shape`  
Returns an iterator object that iterates along the Shape boundary and provides access to a flattened view of the Shape outline geometry.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.RectangularShape`  
Returns an iterator object that iterates along the Shape object's boundary and provides access to a flattened view of the outline of the Shape object's geometry.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.Rectangle2D`  
Returns an iteration object that defines the boundary of the flattened Rectangle2D.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.Area`  
Creates a PathIterator for the flattened outline of this Area object.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.Line2D`  
Returns an iteration object that defines the boundary of this flattened Line2D.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.GeneralPath`  
Returns a PathIterator object that iterates along the boundary of the flattened Shape and provides access to the geometry of the outline of the Shape.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.QuadCurve2D`  
Returns an iteration object that defines the boundary of the flattened shape of this QuadCurve2D.

**getPathIterator(AffineTransform, double)** - Method in class `java.awt.geom.CubicCurve2D`  
Return an iteration object that defines the boundary of the flattened shape.

**getPaths()** - Method in class `javax.swing.event.TreeSelectionEvent`  
Returns the paths that have been added or removed from the selection.

**getPathToRoot(TreeNode)** - Method in class `javax.swing.tree.DefaultTreeModel`  
Builds the parents of node up to and including the root node, where the original node is the last element in the returned array.

**getPathToRoot(TreeNode, int)** - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Builds the parents of node up to and including the root node, where the original node is the last element in the returned array.

**getPathToRoot(TreeNode, int)** - Method in class `javax.swing.tree.DefaultTreeModel`  
Builds the parents of node up to and including the root node, where the original node is the last element in the returned array.

getPatternSeparator() - Method in class `java.text.DecimalFormatSymbols`  
Gets the character used to separate positive and negative subpatterns in a pattern.

getPCSType() - Method in class `java.awt.color.ICC_Profile`  
Returns the color space type of the Profile Connection Space (PCS).

getPeer() - Method in class `java.awt.Component`  
Deprecated. As of JDK version 1.1, programs should not directly manipulate peers. replaced by `boolean isDisplayable()`.

getPeer() - Method in class `java.awt.MenuComponent`  
Deprecated. As of JDK version 1.1, programs should not directly manipulate peers.

getPeer() - Method in class `java.awt.Font`  
Deprecated. Font rendering is now platform independent.

getPercent() - Method in class `java.text.DecimalFormatSymbols`  
Gets the character used for percent sign.

getPercentComplete() - Method in class `javax.swing.JProgressBar`  
Returns the percentage/percent complete for the progress bar.

getPercentInstance() - Static method in class `java.text.NumberFormat`  
Returns a percentage format for the current default locale.

getPercentInstance(Locale) - Static method in class `java.text.NumberFormat`  
Returns a percentage format for the specified locale.

getPerMill() - Method in class `java.text.DecimalFormatSymbols`  
Gets the character used for mille percent sign.

getPermission() - Method in class `java.netURLConnection`  
Returns a permission object representing the permission necessary to make the connection represented by this object.

getPermission() - Method in class `java.net.HttpURLConnection`

getPermission() - Method in class `java.security.AccessControlException`  
Gets the Permission object associated with this exception, or null if there was no corresponding Permission object.

getPermissions() - Method in class `java.security.ProtectionDomain`  
Returns the permissions of this domain.

getPermissions(CodeSource) - Method in class `java.net.URLClassLoader`  
Returns the permissions for the given codesource object.

getPermissions(CodeSource) - Method in class `java.security.SecureClassLoader`  
Returns the permissions for the given CodeSource object.

getPermissions(CodeSource) - Method in class `java.security.Policy`  
Evaluates the global policy and returns a PermissionCollection object specifying the set of permissions allowed for code from the specified code source.

getPermissions(Principal) - Method in interface `java.security.acl.Acl`  
Returns an enumeration for the set of allowed permissions for the specified principal (representing an entity such as an individual or a group).

getPitchBend() - Method in interface `javax.sound.midi.MidiChannel`  
Obtains the upward or downward pitch offset for this channel.

getPixel(int, int, double[]) - Method in class `java.awt.image.Raster`  
Returns the samples in an array of double for the specified pixel.

getPixel(int, int, double[], DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the samples for the specified pixel in an array of double.

getPixel(int, int, float[]) - Method in class `java.awt.image.Raster`  
Returns the samples in an array of float for the specified pixel.

getPixel(int, int, float[], DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the samples for the specified pixel in an array of float.

getPixel(int, int, int[]) - Method in class `java.awt.image.Raster`  
Returns the samples in an array of int for the specified pixel.

getPixel(int, int, int[], DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the samples for a specified pixel in an int array, one sample per array element.

getPixel(int, int, int[], DataBuffer) - Method in class `java.awt.image.ComponentSampleModel`  
Returns all samples for the specified pixel in an int array, one sample per array element.

getPixel(int, int, int[], DataBuffer) - Method in class java.awt.image.BandedSampleModel  
    Returns all samples for the specified pixel in an int array.

getPixel(int, int, int[], DataBuffer) - Method in class java.awt.image.MultiPixelPackedSampleModel  
    Returns the specified single band pixel in the first element of an int array.

getPixel(int, int, int[], DataBuffer) - Method in class java.awt.image.SinglePixelPackedSampleModel  
    Returns all samples in for the specified pixel in an int array.

getPixelBitStride() - Method in class java.awt.image.MultiPixelPackedSampleModel  
    Returns the pixel bit stride in bits.

getPixelColor(int, int) - Method in class java.awt.Robot  
    Returns the color of a pixel at the given screen coordinates.

getPixels() - Method in class java.awt.image.PixelGrabber  
    Get the pixel buffer.

getPixels(int, int, int, int, double[]) - Method in class java.awt.image.Raster  
    Returns a double array containing all samples for a rectangle of pixels, one sample per array element.

getPixels(int, int, int, int, double[], DataBuffer) - Method in class java.awt.image.SampleModel  
    Returns all samples for a rectangle of pixels in a double array, one sample per array element.

getPixels(int, int, int, int, float[]) - Method in class java.awt.image.Raster  
    Returns a float array containing all samples for a rectangle of pixels, one sample per array element.

getPixels(int, int, int, int, float[], DataBuffer) - Method in class java.awt.image.SampleModel  
    Returns all samples for a rectangle of pixels in a float array, one sample per array element.

getPixels(int, int, int, int, int[]) - Method in class java.awt.image.Raster  
    Returns an int array containing all samples for a rectangle of pixels, one sample per array element.

getPixels(int, int, int, int, int[], DataBuffer) - Method in class java.awt.image.SampleModel  
    Returns all samples for a rectangle of pixels in an int array, one sample per array element.

getPixels(int, int, int, int, int[], DataBuffer) - Method in class  
java.awt.image.ComponentSampleModel  
    Returns all samples for the specified rectangle of pixels in an int array, one sample per array element.

getPixels(int, int, int, int, int[], DataBuffer) - Method in class java.awt.image.BandedSampleModel  
    Returns all samples for the specified rectangle of pixels in an int array, one sample per data array element.

getPixels(int, int, int, int, int[], DataBuffer) - Method in class  
java.awt.image.SinglePixelPackedSampleModel  
    Returns all samples for the specified rectangle of pixels in an int array, one sample per array element.

getPixelSize() - Method in class java.awt.image.ColorModel  
    Returns the number of bits per pixel described by this ColorModel.

getPixelStride() - Method in class java.awt.image.ComponentSampleModel  
    Returns the pixel stride of this ComponentSampleModel.

getPoint() - Method in class java.awt.event.MouseEvent  
    Returns the x,y position of the event relative to the source component.

getPoint1() - Method in class java.awt.GradientPaint  
    Returns a copy of the point P1 that anchors the first color.

getPoint2() - Method in class java.awt.GradientPaint  
    Returns a copy of the point P2 which anchors the second color.

getPoint2D(Point2D, Point2D) - Method in class java.awt.image.LookupOp  
    Returns the location of the destination point given a point in the source.

getPoint2D(Point2D, Point2D) - Method in interface java.awt.image.BufferedImageOp  
    Returns the location of the destination point given a point in the source image.

getPoint2D(Point2D, Point2D) - Method in class java.awt.image.ConvolveOp  
    Returns the location of the destination point given a point in the source.

getPoint2D(Point2D, Point2D) - Method in class java.awt.image.BandCombineOp  
    Returns the location of the corresponding destination point given a point in the source Raster.

[getPoint2D\(Point2D, Point2D\)](#) - Method in class `java.awt.image.AffineTransformOp`  
    Returns the location of the corresponding destination point given a point in the source.

[getPoint2D\(Point2D, Point2D\)](#) - Method in interface `java.awt.image.RasterOp`  
    Returns the location of the destination point given a point in the source Raster.

[getPoint2D\(Point2D, Point2D\)](#) - Method in class `java.awt.image.ColorConvertOp`  
    Returns the location of the destination point given a point in the source.

[getPoint2D\(Point2D, Point2D\)](#) - Method in class `java.awt.image.RescaleOp`  
    Returns the location of the destination point given a point in the source.

[getPointSize\(int\)](#) - Method in class `javax.swing.text.html.StyleSheet`  
    Returns the point size, given a size index.

[getPointSize\(String\)](#) - Method in class `javax.swing.text.html.StyleSheet`  
    Given a string such as "+2", "-2", or "2", returns a point size value.

[getPolicy\(\)](#) - Static method in class `java.security.Policy`  
    Returns the installed Policy object.

[getPolyPressure\(int\)](#) - Method in interface `javax.sound.midi.MidiChannel`  
    Obtains the pressure with which the specified key is being depressed.

[getPopupHeightForRowCount\(int\)](#) - Method in class `javax.swing.plaf.basic.BasicComboPopup`

[getPopupMenu\(\)](#) - Method in class `javax.swing.JMenu`  
    Returns the popupmenu associated with this menu.

[getPopupMenuOrigin\(\)](#) - Method in class `javax.swing.JMenu`  
    Computes the origin for the JMenu's popup menu.

[getPort\(\)](#) - Method in class `java.net DatagramSocket`  
    Returns the port for this socket.

[getPort\(\)](#) - Method in class `java.net.SocketImpl`  
    Returns the value of this socket's port field.

[getPort\(\)](#) - Method in class `java.net.Socket`  
    Returns the remote port to which this socket is connected.

[getPort\(\)](#) - Method in class `java.net.URL`  
    Returns the port number of this URL.

[getPort\(\)](#) - Method in class `java.net DatagramPacket`  
    Returns the port number on the remote host to which this datagram is being sent or from which the datagram was received.

[getPosition\(\)](#) - Method in class `java.awt.font.LineBreakMeasurer`  
    Returns the current position of this LineBreakMeasurer.

[getPosition\(\)](#) - Method in class `javax.swing.text.TabStop`

[getPosition\(Component\)](#) - Method in class `javax.swing.JLayeredPane`  
    Get the relative position of the component within its layer.

[getPosition\(int\)](#) - Method in class `javax.swing.SizeSequence`  
    Returns the start position for the specified entry.

[getPositionAbove\(JTextComponent, int, int\)](#) - Static method in class `javax.swing.text.Utilities`  
    Determines the position in the model that is closest to the given view location in the row above.

[getPositionBelow\(JTextComponent, int, int\)](#) - Static method in class `javax.swing.text.Utilities`  
    Determines the position in the model that is closest to the given view location in the row below.

[getPositionsInRange\(Vector, int, int\)](#) - Method in class `javax.swing.text.StringContent`  
    Returns a Vector containing instances of UndoPosRef for the Positions in the range offset to offset + length.

[getPositionsInRange\(Vector, int, int\)](#) - Method in class `javax.swing.text.GapContent`  
    Returns a Vector containing instances of UndoPosRef for the Positions in the range offset to offset + length.

[getPositivePrefix\(\)](#) - Method in class `java.text.DecimalFormat`  
    Get the positive prefix.

[getPositiveSuffix\(\)](#) - Method in class `java.text.DecimalFormat`  
    Get the positive suffix.

getPrecision() - Method in class javax.sound.sampled.FloatControl  
    Obtains the resolution or granularity of the control, in the units that the control measures.

getPrecision(int) - Method in interface java.sql.ResultSetMetaData  
    Get the designated column's number of decimal digits.

getPredefinedCursor(int) - Static method in class java.awt.Cursor  
    Returns a cursor object with the specified predefined type.

getPreferredSize(AbstractButton, int) - Static method in class  
    javax.swing.plaf.basic.BasicGraphicsUtils

getPreferredHeight() - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the preferred height.

getPreferredHeight() - Method in class javax.swing.tree.VariableHeightLayoutCache  
    Returns the preferred height.

getPreferredHorizontalSize() - Method in class javax.swing.plaf.basic.BasicSliderUI

getPreferredInnerHorizontal() - Method in class javax.swing.plaf.basic.BasicProgressBarUI

getPreferredInnerVertical() - Method in class javax.swing.plaf.basic.BasicProgressBarUI

getPreferredSize(JComponent, Icon, Icon, int) - Method in class  
    javax.swing.plaf.basic.BasicMenuItemUI

getPreferredSize() - Method in class javax.swing.plaf.basic.BasicTreeUI  
    Returns the minimum preferred size.

getPreferredSize(ScrollPane) - Method in class javax.swing.JList  
    Computes the size of the viewport needed to display visibleRowCount rows.

getPreferredSize(ScrollPane) - Method in class javax.swing.JTree  
    Returns the preferred display size of a JTree.

getPreferredSize(ScrollPane) - Method in interface javax.swing.Scrollable  
    Returns the preferred size of the viewport for a view component.

getPreferredSize(ScrollPane) - Method in class javax.swing.JTable  
    Returns the preferred size of the viewport for this table.

getPreferredSize(ScrollPane) - Method in class javax.swing.JTextArea  
    Returns the preferred size of the viewport if this component is embedded in a JScrollPane.

getPreferredSize() - Method in class javax.swing.text.JTextComponent  
    Returns the preferred size of the viewport for a view component.

getPreferredSize() - Method in class java.awt.Component  
    Gets the preferred size of this component.

getPreferredSize() - Method in class java.awt.Container  
    Returns the preferred size of this container.

getPreferredSize() - Method in class java.awt.List  
    Gets the preferred size of this scrolling list.

getPreferredSize() - Method in class java.awt.TextField  
    Gets the preferred size of this text field.

getPreferredSize() - Method in class java.awt.TextArea  
    Determines the preferred size of this text area.

getPreferredSize() - Method in class javax.swing.JComponent  
    If the preferredSize has been set to a non-null value just returns it.

getPreferredSize() - Method in class javax.swing.JEditorPane  
    Returns the preferred size for the JEditorPane.

getPreferredSize() - Method in class javax.swing.JTextField  
    Returns the preferred size Dimensions needed for this TextField.

getPreferredSize() - Method in class javax.swing.JToolBar.Separator  
    Returns the preferred size for the separator.

getPreferredSize() - Method in class javax.swing.JTextArea  
    Returns the preferred size of the TextArea.

getPreferredSize() - Method in class javax.swing.Box.Filler

Returns the preferred size of the component.

getPreferredSize() - Method in class javax.swing.tree.DefaultTreeCellRenderer  
Overrides JComponent.getPreferredSize to return slightly wider preferred size value.

getPreferredSize() - Method in class javax.swing.tree.DefaultTreeCellEditor.DefaultTextField  
Overrides JTextField.getPreferredSize to return the preferred size based on current font, if set, or else use renderer's font.

getPreferredSize() - Method in class javax.swing.tree.DefaultTreeCellEditor.EditorContainer  
Returns the preferred size for the Container.

getPreferredSize() - Method in class javax.swing.plaf.basic.BasicComboBoxRenderer

getPreferredSize() - Method in class javax.swing.plaf.basic.BasicSplitPaneDivider  
Returns dividerSize x dividerSize

getPreferredSize() - Method in class javax.swing.plaf.basic.BasicArrowButton

getPreferredSize() - Method in class javax.swing.plaf.metal.MetalScrollBar

getPreferredSize(int) - Method in class java.awt.List  
Gets the preferred dimensions for a list with the specified number of rows.

getPreferredSize(int) - Method in class java.awt.TextField  
Gets the preferred size of this text field with the specified number of columns.

getPreferredSize(int, int) - Method in class java.awt.TextArea  
Determines the preferred size of a text area with the specified number of rows and columns.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.ComponentUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicTextUI  
Gets the preferred size for the editor component.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicSeparatorUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicMenuItemUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicButtonUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicRadioButtonUI  
The preferred size of the radio button

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicToolBarSeparatorUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicProgressBarUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicOptionPaneUI  
If c is the JOptionPane the receiver is contained in, the preferred size that is returned is the maximum of the preferred size of the LayoutManager for the JOptionPane, and getMinimumOptionPaneSize.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicPopupMenuUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicTableUI  
Return the preferred size of the table.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicToolTipUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicScrollBarUI  
A vertical scrollbars preferred width is the maximum of preferred widths of the (non null) increment/decrement buttons, and the minimum width of the thumb.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicToolBarUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicDesktopPaneUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicListUI

The preferredSize of a list is total height of the rows and the maximum width of the cells.  
getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicLabelUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicComboBoxUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicTableHeaderUI

Return the preferred size of the header.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicMenuBarUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicPopupMenuSeparatorUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicTreeUI

Returns the preferred size to properly display the tree, this is a cover method for  
getPreferredSize(c, false).

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI

Returns the preferred size for the passed in component, This is passed off to the current  
layoutmanager.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicScrollPaneUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicDesktopIconUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.basic.BasicSliderUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.metal.MetalSeparatorUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.metal.MetalPopupMenuSeparatorUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.metal.MetalFileChooserUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.metal.MetalScrollBarUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.metal.MetalDesktopIconUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.metal.MetalToolTipUI

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiListUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiSeparatorUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiLabelUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiPopupMenuUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiPanelUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiScrollBarUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTextUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiComboBoxUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiTableHeaderUI

Call getPreferredSize on each UI handled by this MultiUI.

getPreferredSize(JComponent) - Method in class javax.swing.plaf.multi.MultiFileChooserUI

Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiColorChooserUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTreeUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiViewportUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTabbedPaneUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiProgressBarUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiScrollPaneUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiOptionPaneUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSplitPaneUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiButtonUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiToolBarUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiSliderUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopPaneUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiTableUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopIconUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuItemUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiInternalFrameUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiToolTipUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(JComponent\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuBarUI](#)  
Call getPreferredSize on each UI handled by this MultiUI.

[getPreferredSize\(Component, boolean\)](#) - Method in class javax.swing.plaf.basic.[BasicTreeUI](#)  
Returns the preferred size to represent the tree in *c*.

[getPreferredSize\(Component\)](#) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI](#).[BasicHorizontalLayoutManager](#)  
Returns the width of the passed in Components preferred size.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[View](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[GlyphView](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[BoxView](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[PlainView](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[FieldView](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[AsyncBoxView](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[ComponentView](#)  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.[IconView](#)

Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.WrappedPlainView  
Determines the preferred span for this view along an axis.

[getPreferredSpan\(int\)](#) - Method in class javax.swing.text.html.ParagraphView  
Determines the preferred span for this view.

[getPreferredVerticalSize\(\)](#) - Method in class javax.swing.plaf.basic.BasicSliderUI

[getPreferredWidth\(\)](#) - Method in class javax.swing.table.TableColumn  
Returns the preferred width of the TableColumn.

[getPreferredWidth\(Rectangle\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
Returns the preferred width for the passed in region.

[getPreferredWidth\(Rectangle\)](#) - Method in class javax.swing.tree.VariableHeightLayoutCache  
Returns the preferred width and height for the region in visibleRegion.

[getPrefix\(int\)](#) - Method in interface javax.naming.Name  
Creates a name whose components consist of a prefix of the components of this name.

[getPrefix\(int\)](#) - Method in class javax.naming.CompoundName  
Creates a compound name whose components consist of a prefix of the components in this compound name.

[getPrefix\(int\)](#) - Method in class javax.naming.CompositeName  
Creates a composite name whose components consist of a prefix of the components in this composite name.

[getPresentationName\(\)](#) - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent  
Provides a localized, human readable description of this edit suitable for use in, say, a change log.

[getPresentationName\(\)](#) - Method in class javax.swing.undo.AbstractUndoableEdit  
This default implementation returns "".

[getPresentationName\(\)](#) - Method in class javax.swing.undo.CompoundEdit  
Returns getPresentationName from the last UndoableEdit added to edits.

[getPresentationName\(\)](#) - Method in class javax.swing.undo.StateEdit  
Gets the presentation name for this edit

[getPresentationName\(\)](#) - Method in interface javax.swing.undo.UndoableEdit  
Provide a localized, human readable description of this edit suitable for use in, say, a change log.

[getPreservesUnknownTags\(\)](#) - Method in class javax.swing.text.html.HTMLDocument

[getPressedIcon\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the pressed icon for the button.

[getPreviewPanel\(\)](#) - Method in class javax.swing.JColorChooser  
Returns the preview panel that shows a chosen color.

[getPreviewPanel\(\)](#) - Static method in class javax.swing.colorchooser.ColorChooserComponentFactory

[getPreviousBounds\(JInternalFrame\)](#) - Method in class javax.swing.DefaultDesktopManager

[getPreviousLeaf\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
Returns the leaf before this node or null if this node is the first leaf in the tree.

[getPreviousNode\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
Returns the node that precedes this node in a preorder traversal of this node's tree.

[getPreviousSibling\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
Returns the previous sibling of this node in the parent's children array.

[getPreviousTabIndex\(int\)](#) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

[getPreviousWord\(JTextComponent, int\)](#) - Static method in class javax.swing.text.Utilities  
Determine the start of the prev word for the given location.

[getPrimary1\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme

[getPrimary1\(\)](#) - Method in class javax.swing.plaf.metal.DefaultMetalTheme

[getPrimary2\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimary2\(\)](#) - Method in class javax.swing.plaf.metal.DefaultMetalTheme  
[getPrimary3\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimary3\(\)](#) - Method in class javax.swing.plaf.metal.DefaultMetalTheme  
[getPrimaryControl\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel  
[getPrimaryControl\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimaryControlDarkShadow\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel  
[getPrimaryControlDarkShadow\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimaryControlHighlight\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel  
[getPrimaryControlHighlight\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimaryControlInfo\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel  
[getPrimaryControlInfo\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimaryControlShadow\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel  
[getPrimaryControlShadow\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme  
[getPrimaryKeys\(String, String, String\)](#) - Method in interface java.sql.DatabaseMetaData  
    Gets a description of a table's primary key columns.  
[getPrimaryType\(\)](#) - Method in class java.awt.datatransfer.DataFlavor  
  
[getPrimeExponentP\(\)](#) - Method in interface java.security.interfaces.RSAPrivateCrtKey  
    Returns the primeExponentP.  
[getPrimeExponentP\(\)](#) - Method in class java.security.spec.RSAPrivateCrtKeySpec  
    Returns the primeExponentP.  
[getPrimeExponentQ\(\)](#) - Method in interface java.security.interfaces.RSAPrivateCrtKey  
    Returns the primeExponentQ.  
[getPrimeExponentQ\(\)](#) - Method in class java.security.spec.RSAPrivateCrtKeySpec  
    Returns the primeExponentQ.  
[getPrimeP\(\)](#) - Method in interface java.security.interfaces.RSAPrivateCrtKey  
    Returns the primeP.  
[getPrimeP\(\)](#) - Method in class java.security.spec.RSAPrivateCrtKeySpec  
    Returns the primeP.  
[getPrimeQ\(\)](#) - Method in interface java.security.interfaces.RSAPrivateCrtKey  
    Returns the primeQ.  
[getPrimeQ\(\)](#) - Method in class java.security.spec.RSAPrivateCrtKeySpec  
    Returns the primeQ.  
[getPrincipal\(\)](#) - Method in interface java.security.Certificate  
    Deprecated. Returns the principal of the principal-key pair being guaranteed by the guarantor.  
[getPrincipal\(\)](#) - Method in interface java.security.acl.AclEntry  
    Returns the principal for which permissions are granted or denied by this ACL entry.  
[getPrintable\(int\)](#) - Method in class java.awt.print.Book  
    Returns the Printable instance responsible for rendering the page specified by pageIndex.  
[getPrintable\(int\)](#) - Method in interface java.awt.print.Pageable  
    Returns the Printable instance responsible for rendering the page specified by pageIndex.  
[getPrinter\(\)](#) - Method in class java.awt.JobAttributes

Returns the destination printer for jobs using these attributes.  
[getPrinterJob\(\)](#) - Method in interface `java.awt.print.PrinterGraphics`  
    Returns the PrinterJob that is controlling the current rendering request.  
[getPrinterJob\(\)](#) - Static method in class `java.awt.print.PrinterJob`  
    Creates and returns a PrinterJob.  
[getPrinterResolution\(\)](#) - Method in class `java.awt.PageAttributes`  
    Returns the print resolution for pages using these attributes.  
[getPrintJob\(\)](#) - Method in interface `java.awt.PrintGraphics`  
    Returns the PrintJob object from which this PrintGraphics object originated.  
[getPrintJob\(Frame, String, JobAttributes, PageAttributes\)](#) - Method in class `java.awt.Toolkit`  
    Gets a PrintJob object which is the result of initiating a print operation on the toolkit's platform.  
[getPrintJob\(Frame, String, Properties\)](#) - Method in class `java.awt.Toolkit`  
    Gets a PrintJob object which is the result of initiating a print operation on the toolkit's platform.  
[getPrintQuality\(\)](#) - Method in class `java.awt.PageAttributes`  
    Returns the print quality for pages using these attributes.  
[getPriority\(\)](#) - Method in class `java.lang.Thread`  
    Returns this thread's priority.  
[getPrivate\(\)](#) - Method in class `java.security.KeyPair`  
    Returns a reference to the private key component of this key pair.  
[getPrivateExponent\(\)](#) - Method in interface `java.security.interfaces.RSAPrivateKey`  
    Returns the private exponent.  
[getPrivateExponent\(\)](#) - Method in class `java.security.spec.RSAPrivateKeySpec`  
    Returns the private exponent.  
[getPrivateKey\(\)](#) - Method in class `java.security.Signer`  
    Deprecated. Returns this signer's private key.  
[getProcedureColumns\(String, String, String, String\)](#) - Method in interface `java.sql.DatabaseMetaData`  
    Gets a description of a catalog's stored procedure parameters and result columns.  
[getProcedures\(String, String, String\)](#) - Method in interface `java.sql.DatabaseMetaData`  
    Gets a description of the stored procedures available in a catalog.  
[getProcedureTerm\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
    What's the database vendor's preferred term for "procedure"?  
[getProfile\(\)](#) - Method in class `java.awt.color.ICC_ColorSpace`  
    Returns the ICC\_Profile for this ICC\_ColorSpace.  
[getProfileClass\(\)](#) - Method in class `java.awt.color.ICC_Profile`  
    Returns the profile class.  
[getProgram\(\)](#) - Method in class `javax.sound.midi.Patch`  
    Returns the index, within a bank, of the instrument whose location this Patch specifies.  
[getProgram\(\)](#) - Method in interface `javax.sound.midi.MidiChannel`  
    Obtains the current program number for this channel.  
[getProgressBarBorder\(\)](#) - Static method in class `javax.swing.plaf.basic.BasicBorders`  
  
[getProgressMonitor\(\)](#) - Method in class `javax.swing.ProgressMonitorInputStream`  
    Get the ProgressMonitor object being used by this stream.  
[getPropagatedFrom\(\)](#) - Method in class `java.beans.beancontext.BeanContextEvent`  
    Gets the BeanContext from which this event was propagated.  
[getPropagationId\(\)](#) - Method in class `java.beans.PropertyChangeEvent`  
    The "propagationId" field is reserved for future use.  
[getProperties\(\)](#) - Static method in class `java.lang.System`  
    Determines the current system properties.  
[getProperty\(Object\)](#) - Method in interface `javax.swing.text.Document`  
    Gets properties associated with the document.  
[getProperty\(Object\)](#) - Method in class `javax.swing.text.AbstractDocument`  
    A convenience method for looking up a property value.  
[getProperty\(ParameterBlock, String\)](#) - Method in interface `java.awt.image.renderable.ContextualRenderedImageFactory`

Gets the appropriate instance of the property specified by the name parameter.

getProperty(String) - Method in interface `java.awt.image.RenderedImage`  
Gets a property from the property set of this image.

getProperty(String) - Method in class `java.awt.image.BufferedImage`  
Returns a property of the image by name.

getProperty(String) - Method in class `java.awt.image.renderable.RenderableImageOp`  
Gets a property from the property set of this image.

getProperty(String) - Method in interface `java.awt.image.renderable.RenderableImage`  
Gets a property from the property set of this image.

getProperty(String) - Static method in class `java.lang.System`  
Gets the system property indicated by the specified key.

getProperty(String) - Static method in class `java.security.Security`  
Gets a security property value.

getProperty(String) - Method in class `java.util.Properties`  
Searches for the property with the specified key in this property list.

getProperty(String, ImageObserver) - Method in class `java.awt.Image`  
Gets a property of this image by name.

getProperty(String, ImageObserver) - Method in class `java.awt.image.BufferedImage`  
Returns a property of the image by name.

getProperty(String, String) - Static method in class `java.awt.Toolkit`  
Gets a property with the specified key and default.

getProperty(String, String) - Static method in class `java.lang.System`  
Gets the system property indicated by the specified key.

getProperty(String, String) - Method in class `java.util.Properties`  
Searches for the property with the specified key in this property list.

getPropertyChangeEvent() - Method in class `java.beans.PropertyVetoException`  
Gets the vetoed PropertyChangeEvent.

getPropertyDescriptors() - Method in interface `java.beans.BeanInfo`  
Gets the beans PropertyDescriptors.

getPropertyDescriptors() - Method in class `java.beans.SimpleBeanInfo`  
Deny knowledge of properties.

getPropertyEditorClass() - Method in class `java.beans.PropertyDescriptor`  
Gets any explicit PropertyEditor Class that has been registered for this property.

getPropertyInfo(String, Properties) - Method in interface `java.sql.Driver`  
Gets information about the possible properties for this driver.

getPropertyName() - Method in class `java.beans.PropertyChangeEvent`  
Gets the programmatic name of the property that was changed.

getPropertyNames() - Method in interface `java.awt.image.RenderedImage`  
Returns an array of names recognized by `getProperty(String)` or null, if no property names are recognized.

getPropertyNames() - Method in class `java.awt.image.BufferedImage`  
Returns an array of names recognized by `getProperty(String)` or null, if no property names are recognized.

getPropertyNames() - Method in interface `java.awt.image.renderable.ContextualRenderedImageFactory`  
Returns a list of names recognized by `getProperty`.

getPropertyNames() - Method in class `java.awt.image.renderable.RenderableImageOp`  
Return a list of names recognized by `getProperty`.

getPropertyNames() - Method in interface `java.awt.image.renderable.RenderableImage`  
Returns a list of names recognized by `getProperty`.

getPropertyOverrides() - Method in class `java.rmi.activation.ActivationGroupDesc`  
Returns the group's property-override list.

getPropertyPrefix() - Method in class `javax.swing.plaf.basic.BasicTextUI`  
Gets the name used as a key to look up properties through the UIManager.

getPropertyPrefix() - Method in class `javax.swing.plaf.basic.BasicEditorPaneUI`  
Fetches the name used as a key to lookup properties through the UIManager.

getPropertyPrefix() - Method in class `javax.swing.plaf.basic.BasicTextPaneUI`  
Fetches the name used as a key to lookup properties through the UIManager.

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicMenuItemUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicRadioButtonMenuItemUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicButtonUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicToggleButtonUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicRadioButtonUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicMenuUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicCheckBoxMenuItemUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicTextFieldUI

    Fetches the name used as a key to lookup properties through the UIManager.

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicPasswordFieldUI

    Fetches the name used as a key to look up properties through the UIManager.

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicCheckBoxUI

getPropertyPrefix() - Method in class javax.swing.plaf.basic.BasicTextAreaUI

    Fetches the name used as a key to look up properties through the UIManager.

getPropertyPrefix() - Method in class javax.swing.plaf.metal.MetalCheckBoxUI

getPropertyType() - Method in class java.beans.PropertyDescriptor

    Gets the Class object for the property.

getProtectionDomain() - Method in class java.lang.Class

    Returns the ProtectionDomain of this class.

getProtocol() - Method in class java.net.URL

    Returns the protocol name of this URL.

getPrototypeCellValue() - Method in class javax.swing.JList

    Returns the cell width of the "prototypical cell" -- a cell used for the calculation of cell widths, because it has the same value as all other list items.

getProvider() - Method in class java.security.KeyFactory

    Returns the provider of this key factory object.

getProvider() - Method in class java.security.KeyPairGenerator

    Returns the provider of this key pair generator object.

getProvider() - Method in class java.security.SecureRandom

    Returns the provider of this SecureRandom object.

getProvider() - Method in class java.security.AlgorithmParameters

    Returns the provider of this parameter object.

getProvider() - Method in class java.security.AlgorithmParameterGenerator

    Returns the provider of this algorithm parameter generator object.

getProvider() - Method in class java.security.KeyStore

    Returns the provider of this keystore.

getProvider() - Method in class java.security.MessageDigest

    Returns the provider of this message digest object.

getProvider() - Method in class java.security.Signature

    Returns the provider of this signature object.

getProvider() - Method in class java.security.cert.CertificateFactory

    Returns the provider of this certificate factory.

getProvider(String) - Static method in class java.security.Security

    Returns the provider installed with the specified name, if any.

getProviders() - Static method in class java.security.Security

    Returns an array containing all the installed providers.

getProviders(Map) - Static method in class java.security.Security

    Returns an array containing all installed providers that satisfy the specified selection

criteria, or null if no such providers have been installed.

getProviders(String) - Static method in class `java.security.Security`  
Returns an array containing all installed providers that satisfy the specified selection criterion, or null if no such providers have been installed.

getProxyClass(ClassLoader, Class[]) - Static method in class `java.lang.reflect.Proxy`  
Returns the `java.lang.Class` object for a proxy class given a class loader and an array of interfaces.

getPSName() - Method in class `java.awt.Font`  
Returns the postscript name of this `Font`.

getPublic() - Method in class `java.security.KeyPair`  
Returns a reference to the public key component of this key pair.

getPublicExponent() - Method in interface `java.security.interfaces.RSAPublicKey`  
Returns the public exponent.

getPublicExponent() - Method in interface `java.security.interfaces.RSAPrivateCrtKey`  
Returns the public exponent.

getPublicExponent() - Method in class `java.security.spec.RSAPrivateCrtKeySpec`  
Returns the public exponent.

getPublicExponent() - Method in class `java.security.spec.RSAKeyGenParameterSpec`  
Returns the public-exponent value.

getPublicExponent() - Method in class `java.security.spec.RSAPublicKeySpec`  
Returns the public exponent.

getPublicKey() - Method in class `java.security.Identity`  
Deprecated. Returns this identity's public key.

getPublicKey() - Method in interface `java.security.Certificate`  
Deprecated. Returns the key of the principal-key pair being guaranteed by the guarantor.

getPublicKey() - Method in class `java.security.cert.Certificate`  
Gets the public key from this certificate.

getQ() - Method in interface `java.security.interfaces.DSAParams`  
Returns the subprime, q.

getQ() - Method in class `java.security.spec.DSAPrivateKeySpec`  
Returns the sub-prime q.

getQ() - Method in class `java.security.spec.DSAPublicKeySpec`  
Returns the sub-prime q.

getQ() - Method in class `java.security.spec.DSAPrivateKeySpec`  
Returns the sub-prime q.

getQuery() - Method in class `java.net.URL`  
Returns the query part of this URL.

getQueryTimeout() - Method in interface `java.sql.Statement`  
Retrieves the number of seconds the driver will wait for a `Statement` object to execute.

getRadioButtonBorder() - Static method in class `javax.swing.plaf.basic.BasicBorders`

getRadioButtonIcon() - Static method in class `javax.swing.plaf.basic.BasicIconFactory`

getRadioButtonIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getRadioButtonMenuItemIcon() - Static method in class `javax.swing.plaf.basic.BasicIconFactory`

getRadioButtonMenuItemIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getRaisedBevelBorderUIResource() - Static method in class `javax.swing.plaf.BorderUIResource`

getRaster() - Method in class `java.awt.image.BufferedImage`  
Returns the `WritableRaster`.

getRaster(int, int, int, int) - Method in interface `java.awt.PaintContext`  
Returns a `Raster` containing the colors generated for the graphics operation.

getRawOffset() - Method in class `java.util.TimeZone`  
Gets unmodified offset, NOT modified in case of daylight savings.

getRawOffset() - Method in class java.util.SimpleTimeZone  
Overrides TimeZone Gets the GMT offset for this time zone.

getRead() - Method in class java.sql.DataTruncation  
Indicates whether or not the value was truncated on a read.

getReader(int) - Method in class javax.swing.text.html.HTMLDocument  
Fetches the reader for the parser to use to load the document with HTML.

getReader(int, int, int, HTML.Tag) - Method in class javax.swing.text.html.HTMLDocument  
Fetches the reader for the parser to use to load the document with HTML.

getReaderForText(Transferable) - Method in class java.awt.datatransfer.DataFlavor  
Gets a reader for an input stream, decoded for the expected charset (encoding).

getReadMethod() - Method in class java.beans.PropertyDescriptor  
Gets the method that should be used to read the property value.

getReceiveBufferSize() - Method in class java.net DatagramSocket  
Get value of the SO\_RCVBUF option for this DatagramSocket, that is the buffer size used by the platform for input on this DatagramSocket.

getReceiveBufferSize() - Method in class java.net Socket  
Gets the value of the SO\_RCVBUF option for this Socket, that is the buffer size used by the platform for input on this Socket.

getReceiver() - Static method in class javax.sound.midi.MidiSystem  
Obtains a MIDI receiver from an external MIDI port or other default source.

getReceiver() - Method in interface javax.sound.midi.Transmitter  
Obtains the current receiver to which this transmitter will deliver MIDI messages.

getReceiver() - Method in interface javax.sound.midi.MidiDevice  
Obtains a MIDI IN receiver through which the MIDI device may receive MIDI data.

getRecursionLimit() - Method in class java.awt.geom.FlatteningPathIterator  
Returns the recursion limit of this iterator.

getRed() - Method in class java.awt.Color  
Returns the red component in the range 0-255 in the default sRGB space.

getRed(int) - Method in class java.awt.image.ColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRed(int) - Method in class java.awt.image.ComponentColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRed(int) - Method in class java.awt.image.DirectColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRed(int) - Method in class java.awt.image.IndexColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRed(Object) - Method in class java.awt.image.ColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRed(Object) - Method in class java.awt.image.ComponentColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRed(Object) - Method in class java.awt.image.DirectColorModel  
Returns the red color component for the specified pixel, scaled from 0 to 255 in the default RGB ColorSpace, sRGB.

getRedMask() - Method in class java.awt.image.DirectColorModel  
Returns the mask indicating which bits in an int pixel representation contain the red color component.

getRedoPresentationName() - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent  
Provides a localized, human readable description of the redoable form of this edit, e.g.

getRedoPresentationName() - Method in class javax.swing.undo.AbstractUndoableEdit  
If getPresentationName() returns "", returns AbstractUndoableEdit.RedoName.

getRedoPresentationName() - Method in class javax.swing.undo.CompoundEdit

Returns getRedoPresentationName from the last UndoableEdit added to edits.

[getRedoPresentationName\(\)](#) - Method in class javax.swing.undo.UndoManager  
If inProgress, returns getRedoPresentationName of the significant edit that will be redone when redo() is invoked.

[getRedoPresentationName\(\)](#) - Method in interface javax.swing.undo.UndoableEdit  
Provide a localized, human readable description of the redoable form of this edit, e.g.

[getReds\(byte\[\]\)](#) - Method in class java.awt.image.IndexColorModel  
Copies the array of red color components into the specified array.

[getRef\(\)](#) - Method in class java.net.URL  
Returns the anchor (also known as the "reference") of this URL.

[getRef\(\)](#) - Method in class java.rmi.server.RemoteObject  
Returns the remote reference for the remote object.

[getRef\(int\)](#) - Method in interface java.sql.CallableStatement  
Gets the value of a JDBC REF(<structured-type>) parameter as a Ref object in the Java programming language.

[getRef\(int\)](#) - Method in interface java.sql.ResultSet  
Returns the value of the designated column in the current row of this ResultSet object as a Ref object in the Java programming language.

[getRefClass\(ObjectOutput\)](#) - Method in interface java.rmi.server.RemoteRef  
Returns the class name of the ref type to be serialized onto the stream 'out'.

[getReference\(\)](#) - Method in interface javax.naming.Referenceable  
Retrieves the Reference of this object.

[getReferralContext\(\)](#) - Method in class javax.naming.ReferralException  
Retrieves the context at which to continue the method.

[getReferralContext\(\)](#) - Method in class javax.naming.ldap.LdapReferralException  
Retrieves the context at which to continue the method using the context's environment and no controls.

[getReferralContext\(Hashtable\)](#) - Method in class javax.naming.ReferralException  
Retrieves the context at which to continue the method using environment properties.

[getReferralContext\(Hashtable\)](#) - Method in class javax.naming.ldap.LdapReferralException  
Retrieves the context at which to continue the method using environment properties and no controls.

[getReferralContext\(Hashtable, Control\[\]\)](#) - Method in class javax.naming.ldap.LdapReferralException  
Retrieves the context at which to continue the method using request controls and environment properties.

[getReferralInfo\(\)](#) - Method in class javax.naming.ReferralException  
Retrieves information (such as URLs) related to this referral.

[getReferrals\(\)](#) - Method in interface javax.naming.ldap.UnsolicitedNotification  
Retrieves the referral(s) sent by the server.

[getRegisteredKeyStrokes\(\)](#) - Method in class javax.swing.JComponent  
Returns the KeyStrokes that will initiate registered actions.

[getRegistry\(\)](#) - Static method in class java.rmi.registry.LocateRegistry  
Returns a reference to the the remote object Registry for the local host on the default registry port of 1099.

[getRegistry\(int\)](#) - Static method in class java.rmi.registry.LocateRegistry  
Returns a reference to the the remote object Registry for the local host on the specified port.

[getRegistry\(String\)](#) - Static method in class java.rmi.registry.LocateRegistry  
Returns a reference to the remote object Registry on the specified host on the default registry port of 1099.

[getRegistry\(String, int\)](#) - Static method in class java.rmi.registry.LocateRegistry  
Returns a reference to the remote object Registry on the specified host and port.

[getRegistry\(String, int, RMIClientSocketFactory\)](#) - Static method in class java.rmi.registry.LocateRegistry

Returns a locally created remote reference to the remote object Registry on the specified host and port.

getRemaining() - Method in class `java.util.zip.Inflater`  
Returns the total number of bytes remaining in the input buffer.

getRemainingName() - Method in class `javax.naming.NamingException`  
Retrieves the remaining unresolved portion of the name.

getRemainingName() - Method in class `javax.naming.spi.ResolveResult`  
Retrieves the remaining unresolved portion of the name.

getRemainingNewName() - Method in class `javax.naming.CannotProceedException`  
Retrieves the "remaining new name" field of this exception, which is used when this exception is thrown during a rename() operation.

getRemoveListenerMethod() - Method in class `java.beans.EventSetDescriptor`  
Gets the method used to remove event listeners.

getRenderableSource(int) - Method in class `java.awt.image.renderable.ParameterBlock`  
A convenience method to return a source as a `RenderedImage`.

getRenderedSource(int) - Method in class `java.awt.image.renderable.ParameterBlock`  
A convenience method to return a source as a `RenderedImage`.

getRenderer() - Method in class `javax.swing.JComboBox`  
Returns the renderer used to display the selected item in the `JComboBox` field.

getRenderingHint(RenderingHints.Key) - Method in class `java.awt.Graphics2D`  
Returns the value of a single preference for the rendering algorithms.

getRenderingHints() - Method in class `java.awt.Graphics2D`  
Gets the preferences for the rendering algorithms.

getRenderingHints() - Method in class `java.awt.image.LookupOp`  
Returns the rendering hints for this op.

getRenderingHints() - Method in interface `java.awt.image.BufferedImageOp`  
Returns the rendering hints for this `BufferedImageOp`.

getRenderingHints() - Method in class `java.awt.image.ConvolveOp`  
Returns the rendering hints for this op.

getRenderingHints() - Method in class `java.awt.image.BandCombineOp`  
Returns the rendering hints for this operation.

getRenderingHints() - Method in class `java.awt.image.AffineTransformOp`  
Returns the rendering hints used by this transform operation.

getRenderingHints() - Method in interface `java.awt.image.RasterOp`  
Returns the rendering hints for this `RasterOp`.

getRenderingHints() - Method in class `java.awt.image.ColorConvertOp`  
Returns the rendering hints used by this op.

getRenderingHints() - Method in class `java.awt.image.RescaleOp`  
Returns the rendering hints for this op.

getRenderingHints() - Method in class `java.awt.image.renderable.RenderContext`  
Gets the rendering hints of this `RenderContext`.

getReorderingAllowed() - Method in class `javax.swing.table.JTableHeader`  
Returns true if the user is allowed to rearrange columns by dragging their headers, false otherwise.

getRepresentationClass() - Method in class `java.awt.datatransfer.DataFlavor`  
Returns the Class which objects supporting this `DataFlavor` will return when this `DataFlavor` is requested.

getRequestControls() - Method in class `javax.naming.ldap.InitialLdapContext`

getRequestControls() - Method in interface `javax.naming.ldap.LdapContext`  
Retrieves the request controls in effect for this context.

getRequestingPort() - Method in class `java.net.Authenticator`  
Gets the port number for the requested connection.

getRequestingPrompt() - Method in class `java.net.Authenticator`  
Gets the prompt string given by the requestor.

getRequestingProtocol() - Method in class `java.net.Authenticator`  
Give the protocol that's requesting the connection.

getRequestingScheme() - Method in class `java.net.Authenticator`  
Gets the scheme of the requestor (the HTTP scheme for an HTTP firewall, for example).

getRequestingSite() - Method in class `java.net.Authenticator`  
Gets the InetAddress of the site requesting authorization, or null if not available.

getRequestMethod() - Method in class `java.net.HttpURLConnection`  
Get the request method.

getRequestProperty(String) - Method in class `java.net.URLConnection`  
Returns the value of the named general request property for this connection.

getReshowDelay() - Method in class `javax.swing.ToolTipManager`  
Returns the reshown delay value.

getResizable() - Method in class `javax.swing.table.TableColumn`  
Returns true if the user is allowed to resize the TableColumn's width, false otherwise.

getResizeWeight() - Method in class `javax.swing.JSplitPane`  
Returns the number that determines how extra space is distributed.

getResizeWeight(int) - Method in class `javax.swing.text.View`  
Determines the resizability of the view along the given axis.

getResizeWeight(int) - Method in class `javax.swing.text.BoxView`  
Gets the resize weight.

getResizeWeight(int) - Method in class `javax.swing.text.FieldView`  
Determines the resizability of the view along the given axis.

getResizeWeight(int) - Method in class `javax.swing.text.TableRow`  
Determines the resizability of the view along the given axis.

getResizeWeight(int) - Method in class `javax.swing.text.html.BlockView`  
Gets the resize weight.

getResizingAllowed() - Method in class `javax.swing.table.JTableHeader`  
Returns true if the user is allowed to resize columns by dragging between their headers, false otherwise.

getResizingColumn() - Method in class `javax.swing.table.JTableHeader`  
Returns the resizing column.

getResolution() - Method in class `javax.sound.midi.Sequence`  
Obtains the timing resolution for this sequence.

getResolution() - Method in class `javax.sound.midi.MidiFileFormat`  
Obtains the timing resolution for the MIDI file.

getResolvedName() - Method in class `javax.naming.NamingException`  
Retrieves the leading portion of the name that was resolved successfully.

getResolvedObj() - Method in class `javax.naming.NamingException`  
Retrieves the object to which resolution was successful.

getResolvedObj() - Method in class `javax.naming.spi.ResolveResult`  
Retrieves the Object to which resolution was successful.

getResolveParent() - Method in interface `javax.swing.text.Keymap`  
Fetches the parent keymap used to resolve key-bindings.

getResolveParent() - Method in class `javax.swing.text.SimpleAttributeSet`  
Gets the resolving parent.

getResolveParent() - Method in class `javax.swing.text.StyleContext.SmallAttributeSet`  
If not overridden, the resolving parent defaults to the parent element.

getResolveParent() - Method in class `javax.swing.text.StyleContext.NamedStyle`  
Gets attributes from the parent.

getResolveParent() - Method in class `javax.swing.text.AbstractDocument.AbstractElement`  
Gets the resolving parent.

getResolveParent() - Method in interface `javax.swing.text.AttributeSet`  
Gets the resolving parent.

getResolveParent() - Method in class `javax.swing.text.html.HTMLDocument.RunElement`  
Gets the resolving parent.

getResolveParent() - Method in class `javax.swing.text.html.HTMLDocument.BlockElement`  
Gets the resolving parent.

getResource(String) - Method in class `java.lang.ClassLoader`  
Finds the resource with the given name.

[getResource\(String\)](#) - Method in class `java.lang.Class`  
Finds a resource with a given name.

[getResource\(String, BeanContextChild\)](#) - Method in class `java.beans.beancontext.BeanContextSupport`

[getResource\(String, BeanContextChild\)](#) - Method in interface `java.beans.beancontext.BeanContext`  
Analogous to `java.lang.ClassLoader.getResource()`, this method allows a BeanContext implementation to interpose behavior between the child Component and underlying ClassLoader.

[getResourceAsStream\(String\)](#) - Method in class `java.lang.ClassLoader`  
Returns an input stream for reading the specified resource.

[getResourceAsStream\(String\)](#) - Method in class `java.lang.Class`  
Finds a resource with a given name.

[getResourceAsStream\(String, BeanContextChild\)](#) - Method in class `java.beans.beancontext.BeanContextSupport`

[getResourceAsStream\(String, BeanContextChild\)](#) - Method in interface `java.beans.beancontext.BeanContext`  
Analogous to `java.lang.ClassLoader.getResourceAsStream()`, this method allows a BeanContext implementation to interpose behavior between the child Component and underlying ClassLoader.

[getResources\(\)](#) - Method in interface `javax.sound.midi.Soundbank`  
Extracts a list of non-Instrument resources contained in the sound bank.

[getResources\(String\)](#) - Method in class `java.lang.ClassLoader`  
Finds all the resources with the given name.

[getResponseCode\(\)](#) - Method in class `java.net.HttpURLConnection`  
Gets HTTP response status from responses like:

[getResponseControls\(\)](#) - Method in class `javax.naming.ldap.InitialLdapContext`

[getResponseControls\(\)](#) - Method in interface `javax.naming.ldap.LdapContext`  
Retrieves the response controls produced as a result of the last method invoked on this context.

[getResponseMessage\(\)](#) - Method in class `java.net.HttpURLConnection`  
Gets the HTTP response message, if any, returned along with the response code from a server.

[getRestartMode\(\)](#) - Method in class `java.rmi.activation.ActivationDesc`  
Returns the "restart" mode of the object associated with this activation descriptor.

[getResultSet\(\)](#) - Method in interface `java.sql.Statement`  
Returns the current result as a ResultSet object.

[getResultSet\(\)](#) - Method in interface `java.sql.Array`  
Returns a result set that contains the elements of the SQL ARRAY value designated by this Array object.

[getResultSet\(long, int\)](#) - Method in interface `java.sql.Array`  
Returns a result set holding the elements of the subarray that starts at index index and contains up to count successive elements.

[getResultSet\(long, int, Map\)](#) - Method in interface `java.sql.Array`  
Returns a result set holding the elements of the subarray that starts at index index and contains up to count successive elements.

[getResultSet\(Map\)](#) - Method in interface `java.sql.Array`  
Returns a result set that contains the elements of the SQL ARRAY value designated by this Array object.

[getResultSetConcurrency\(\)](#) - Method in interface `java.sql.Statement`  
Retrieves the result set concurrency for ResultSet objects generated by this Statement object.

[getResultSetType\(\)](#) - Method in interface `java.sql.Statement`  
Retrieves the result set type for ResultSet objects generated by this Statement object.

[getResultSetStream\(boolean\)](#) - Method in interface `java.rmi.server.RemoteCall`  
Deprecated. *no replacement*

[getReturningAttributes\(\)](#) - Method in class `javax.naming.directory.SearchControls`  
Retrieves the attributes that will be returned as part of the search.

[getReturningObjFlag\(\)](#) - Method in class `javax.naming.directory.SearchControls`  
Determines whether objects will be returned as part of the result.

[getReturnType\(\)](#) - Method in class `java.lang.reflect.Method`  
    Returns a `Class` object that represents the formal return type of the method represented by this `Method` object.

[getRevocationDate\(\)](#) - Method in class `java.security.cert.X509CRLEntry`  
    Gets the revocation date from this `X509CRLEntry`, the `revocationDate`.

[getRevokedCertificate\(BigInteger\)](#) - Method in class `java.security.cert.X509CRL`  
    Gets the CRL entry, if any, with the given certificate serialNumber.

[getRevokedCertificates\(\)](#) - Method in class `java.security.cert.X509CRL`  
    Gets all the entries from this CRL.

[getRGB\(\)](#) - Method in class `java.awt.Color`  
    Returns the RGB value representing the color in the default sRGB `ColorModel`.

[getRGB\(\)](#) - Method in class `java.awt.SystemColor`  
    Gets the "current" RGB value representing the symbolic color.

[getRGB\(int\)](#) - Method in class `java.awt.image.ColorModel`  
    Returns the color/alpha components of the pixel in the default RGB color model format.

[getRGB\(int\)](#) - Method in class `java.awt.image.ComponentColorModel`  
    Returns the color/alpha components of the pixel in the default RGB color model format.

[getRGB\(int\)](#) - Method in class `java.awt.image.DirectColorModel`  
    Returns the color/alpha components of the pixel in the default RGB color model format.

[getRGB\(int\)](#) - Method in class `java.awt.image.IndexColorModel`  
    Returns the color/alpha components of the pixel in the default RGB color model format.

[getRGB\(int, int\)](#) - Method in class `java.awt.image BufferedImage`  
    Returns an integer pixel in the default RGB color model (TYPE\_INT\_ARGB) and default sRGB colorspace.

[getRGB\(int, int, int, int, int\[\], int, int\)](#) - Method in class `java.awt.image.BufferedImage`  
    Returns an array of integer pixels in the default RGB color model (TYPE\_INT\_ARGB) and default sRGB color space, from a portion of the image data.

[getRGB\(Object\)](#) - Method in class `java.awt.image.ColorModel`  
    Returns the color/alpha components for the specified pixel in the default RGB color model format.

[getRGB\(Object\)](#) - Method in class `java.awt.image.ComponentColorModel`  
    Returns the color/alpha components for the specified pixel in the default RGB color model format.

[getRGB\(Object\)](#) - Method in class `java.awt.image.DirectColorModel`  
    Returns the color/alpha components for the specified pixel in the default RGB color model format.

[getRGBOColorComponents\(float\[\]\)](#) - Method in class `java.awt.Color`  
    Returns a float array containing only the color components of the Color, in the default sRGB color space.

[getRGBOComponents\(float\[\]\)](#) - Method in class `java.awt.Color`  
    Returns a float array containing the color and alpha components of the Color, as represented in the default sRGB color space.

[getRGBOdefault\(\)](#) - Static method in class `java.awt.image.ColorModel`  
    Returns a `DirectColorModel` that describes the default format for integer RGB values used in many of the methods in the AWT image interfaces for the convenience of the programmer.

[getRBGs\(int\[\]\)](#) - Method in class `java.awt.image.IndexColorModel`  
    Converts data for each index from the color and alpha component arrays to an int in the default RGB `ColorModel` format and copies the resulting 32-bit ARGB values into the specified array.

[getRightChildIndent\(\)](#) - Method in class `javax.swing.plaf.basic.BasicTreeUI`

[getRightComponent\(\)](#) - Method in class `javax.swing.JSplitPane`  
    Returns the component to the right (or below) the divider.

[getRightIndent\(AttributeSet\)](#) - Static method in class `javax.swing.text.StyleConstants`  
    Gets the right indent setting.

[getRightInset\(\)](#) - Method in class `javax.swing.text.CompositeView`  
    Gets the right inset.

[getRightInset\(\)](#) - Method in class javax.swing.text.AsyncBoxView  
Get the right part of the margin around the view.

[getRM IRepositoryID\(Class\)](#) - Method in interface javax.rmi.CORBA.ValueHandler  
Returns the CORBA RepositoryId for the given Java class.

[getRolloverIcon\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the rollover icon for the button.

[getRolloverSelectedIcon\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the rollover selection icon for the button.

[getRoot\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
Returns the root of the tree that contains this node.

[getRoot\(\)](#) - Method in interface javax.swing.tree.TreeModel  
Returns the root of the tree.

[getRoot\(\)](#) - Method in class javax.swing.tree.DefaultTreeModel  
Returns the root of the tree.

[getRoot\(Component\)](#) - Static method in class javax.swing.SwingUtilities  
Returns the root component for the current component tree.

[getRootCause\(\)](#) - Method in class javax.naming.NamingException  
Retrieves the root cause of this NamingException, if any.

[getRootElement\(\)](#) - Method in class javax.swing.text.DefaultStyledDocument.ElementBuffer  
Gets the root element.

[getRootElements\(\)](#) - Method in interface javax.swing.text.Document  
Returns all of the root elements that are defined.

[getRootElements\(\)](#) - Method in class javax.swing.text.AbstractDocument  
Gets all root elements defined.

[getRootFrame\(\)](#) - Static method in class javax.swing.JOptionPanel  
Returns the Frame to use for the class methods in which a frame is not provided.

[getRootPane\(\)](#) - Method in class javax.swing.JComponent  
Returns the JRootPane ancestor for a component

[getRootPane\(\)](#) - Method in class javax.swing.JFrame  
Returns the rootPane object for this window.

[getRootPane\(\)](#) - Method in class javax.swing.JApplet  
Returns the rootPane object for this applet.

[getRootPane\(\)](#) - Method in class javax.swing.JInternalFrame  
Returns the rootPane object for this frame.

[getRootPane\(\)](#) - Method in class javax.swing.JFrame  
Returns the rootPane object for this frame.

[getRootPane\(\)](#) - Method in interface javax.swing.RootPaneContainer  
Return this component's single JRootPane child.

[getRootPane\(\)](#) - Method in class javax.swing.JDialog  
Returns the rootPane object for this dialog.

[getRootPane\(Component\)](#) - Static method in class javax.swing.SwingUtilities  
If c is a JRootPane descendant return its JRootPane ancestor.

[getRoots\(\)](#) - Method in class javax.swing.filechooser.FileSystemView  
Returns all root partitions on this system.

[getRootView\(JTextComponent\)](#) - Method in class javax.swing.plaf.TextUI  
Fetches a View with the allocation of the associated text component (i.e.

[getRootView\(JTextComponent\)](#) - Method in class javax.swing.plaf.basic.BasicTextUI  
Fetches a View with the allocation of the associated text component (i.e.

[getRootView\(JTextComponent\)](#) - Method in class javax.swing.plaf.multi.MultiTextUI  
Call getRootView on each UI handled by this MultiUI.

[getRotateInstance\(double\)](#) - Static method in class java.awt.geom.AffineTransform  
Returns a transform representing a rotation transformation.

[getRotateInstance\(double, double, double\)](#) - Static method in class java.awt.geom.AffineTransform  
Returns a transform that rotates coordinates around an anchor point.

[getRoundedCorners\(\)](#) - Method in class javax.swing.border.LineBorder  
Returns whether this border will be drawn with rounded corners.

[getRow\(\)](#) - Method in interface java.sql.ResultSet

Retrieves the current row number.

getRowBounds(int) - Method in class javax.swing.JTree  
Returns the Rectangle that the node at the specified row is drawn in.

getRowCount() - Method in class javax.swing.JTree  
Returns the number of rows that are currently being displayed.

getRowCount() - Method in class javax.swing.JTable  
Returns the number of rows in this table's model.

getRowCount() - Method in class javax.swing.table.DefaultTableModel  
Returns the number of rows in this data table.

getRowCount() - Method in interface javax.swing.table.TableModel  
Returns the number of rows in the model.

getRowCount() - Method in class javax.swing.text.TableView.TableCell  
Deprecated. Gets the number of rows this cell spans (that is, the grid height).

getRowCount() - Method in class javax.swing.tree.AbstractLayoutCache  
Number of rows being displayed.

getRowCount() - Method in class javax.swing.tree.VariableHeightLayoutCache  
Returns the number of visible rows.

getRowCount() - Method in class javax.swing.tree.FixedHeightLayoutCache  
Returns the number of visible rows.

getRowCount(JTree) - Method in class javax.swing.plaf.TreeUI  
Returns the number of rows that are being displayed.

getRowCount(JTree) - Method in class javax.swing.plaf.basic.BasicTreeUI  
Returns the number of rows that are being displayed.

getRowCount(JTree) - Method in class javax.swing.plaf.multi.MultiTreeUI  
Call getRowCount on each UI handled by this MultiUI.

getRowEnd(JTextComponent, int) - Static method in class javax.swing.text.Utilities  
Determines the ending row model position of the row that contains the specified model position.

getRowForLocation(int, int) - Method in class javax.swing.JTree  
Returns the row for the specified location.

getRowForPath(JTree, TreePath) - Method in class javax.swing.plaf.TreeUI  
Returns the row that the last item identified in path is visible at.

getRowForPath(JTree, TreePath) - Method in class javax.swing.plaf.basic.BasicTreeUI  
Returns the row that the last item identified in path is visible at.

getRowForPath(JTree, TreePath) - Method in class javax.swing.plaf.multi.MultiTreeUI  
Call getRowForPath on each UI handled by this MultiUI.

getRowForPath(TreePath) - Method in class javax.swing.JTree  
Returns the row that displays the node identified by the specified path.

getRowForPath(TreePath) - Method in class javax.swing.tree.AbstractLayoutCache  
Returns the row that the last item identified in path is visible at.

getRowForPath(TreePath) - Method in class javax.swing.tree.VariableHeightLayoutCache  
Returns the row that the last item identified in path is visible at.

getRowForPath(TreePath) - Method in class javax.swing.tree.FixedHeightLayoutCache  
Returns the row that the last item identified in path is visible at.

getRowHeader() - Method in class javax.swing.ScrollPaneLayout  
Returns the JViewport object that is the row header.

getRowHeader() - Method in class javax.swing.JScrollPane  
Returns the row header.

getRowHeight() - Method in class javax.swing.JTree  
Returns the height of each row.

getRowHeight() - Method in class javax.swing.JTable  
Returns the height of a table row, in pixels.

getRowHeight() - Method in class javax.swing.JTextArea  
Defines the meaning of the height of a row.

getRowHeight() - Method in class javax.swing.tree.AbstractLayoutCache  
Returns the height of each row.

getRowHeight() - Method in class javax.swing.plaf.basic.BasicTreeUI

[getRowHeight\(int\)](#) - Method in class javax.swing.JTable  
    Returns the height, in pixels, of the cells in row.

[getRowHeight\(int\)](#) - Method in class javax.swing.plaf.basic.BasicListUI  
    Returns the height of the specified row based on the current layout.

[getRowMapper\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the RowMapper instance that is able to map a TreePath to a row.

[getRowMapper\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the RowMapper instance that is able to map a TreePath to a row.

[getRowMargin\(\)](#) - Method in class javax.swing.JTable  
    Gets the amount of empty space, in pixels, between cells.

[getRows\(\)](#) - Method in class java.awt.GridLayout  
    Gets the number of rows in this layout.

[getRows\(\)](#) - Method in class java.awt.List  
    Get the number of visible lines in this list.

[getRows\(\)](#) - Method in class java.awt.TextArea  
    Gets the number of rows in the text area.

[getRows\(\)](#) - Method in class javax.swing.JTextArea  
    Returns the number of rows in the TextArea.

[getRowSelectionAllowed\(\)](#) - Method in class javax.swing.JTable  
    Returns true if rows can be selected.

[getRowsForPaths\(TreePath\[\]\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the rows that the TreePath instances in path are being displayed at.

[getRowsForPaths\(TreePath\[\]\)](#) - Method in interface javax.swing.tree.RowMapper  
    Returns the rows that the TreePath instances in path are being displayed at.

[getRowStart\(JTextComponent, int\)](#) - Static method in class javax.swing.text.Utilities  
    Determines the starting row model position of the row that contains the specified model position.

[getRowX\(int, int\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI.NodeDimensionsHandler

[getRSB\(\)](#) - Method in class java.awt.font.GlyphMetrics  
    Returns the right (bottom) side bearing of the glyph.

[getRule\(\)](#) - Method in class java.awt.AlphaComposite  
    Returns the compositing rule of this AlphaComposite.

[getRule\(HTML.Tag, Element\)](#) - Method in class javax.swing.text.html.StyleSheet  
    Fetches the style to use to render the given type of HTML tag.

[getRule\(String\)](#) - Method in class javax.swing.text.html.StyleSheet  
    Fetches the rule that best matches the selector given in string form.

[getRules\(\)](#) - Method in class java.text.RuleBasedCollator  
    Gets the table-based rules for the collation object.

[getRunForTab\(int, int\)](#) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

[getRunLimit\(\)](#) - Method in interface java.text.AttributedCharacterIterator  
    Returns the index of the first character following the run with respect to all attributes containing the current character.

[getRunLimit\(AttributedCharacterIterator.Attribute\)](#) - Method in interface java.text.AttributedCharacterIterator  
    Returns the index of the first character following the run with respect to the given attribute containing the current character.

[getRunLimit\(Set\)](#) - Method in interface java.text.AttributedCharacterIterator  
    Returns the index of the first character following the run with respect to the given attributes containing the current character.

[getRunStart\(\)](#) - Method in interface java.text.AttributedCharacterIterator  
    Returns the index of the first character of the run with respect to all attributes containing the current character.

[getRunStart\(AttributedCharacterIterator.Attribute\)](#) - Method in interface java.text.AttributedCharacterIterator

Returns the index of the first character of the run with respect to the given attribute containing the current character.

getRunStart(Set) - Method in interface `java.text.AttributedCharacterIterator`  
Returns the index of the first character of the run with respect to the given attributes containing the current character.

getRuntime() - Static method in class `java.lang.Runtime`  
Returns the runtime object associated with the current Java application.

getRunTimeCodeBase() - Method in interface `javax.rmi.CORBA.ValueHandler`  
Returns the CodeBase for this ValueHandler.

getSample(int, int, int) - Method in class `java.awt.image.Raster`  
Returns the sample in a specified band for the pixel located at (x,y) as an int.

getSample(int, int, int, DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the sample in a specified band for the pixel located at (x,y) as an int.

getSample(int, int, int, DataBuffer) - Method in class `java.awt.image.ComponentSampleModel`  
Returns as int the sample in a specified band for the pixel located at (x,y).

getSample(int, int, int, DataBuffer) - Method in class `java.awt.image.BandedSampleModel`  
Returns as int the sample in a specified band for the pixel located at (x,y).

getSample(int, int, int, DataBuffer) - Method in class `java.awt.image.MultiPixelPackedSampleModel`  
Returns as int the sample in a specified band for the pixel located at (x,y).

getSample(int, int, int, DataBuffer) - Method in class `java.awt.image.SinglePixelPackedSampleModel`  
Returns as int the sample in a specified band for the pixel located at (x,y).

getSampleDouble(int, int, int) - Method in class `java.awt.image.Raster`  
Returns the sample in a specified band for a pixel located at (x,y) as a double.

getSampleDouble(int, int, int, DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the sample in a specified band for a pixel located at (x,y) as a double.

getSampleDouble(int, int, int, DataBuffer) - Method in class `java.awt.image.ComponentSampleModel`  
Returns the sample in a specified band for a pixel located at (x,y) as a double.

getSampleDouble(int, int, int, DataBuffer) - Method in class `java.awt.image.BandedSampleModel`  
Returns the sample in a specified band for a pixel located at (x,y) as a double.

getSampleFloat(int, int, int) - Method in class `java.awt.image.Raster`  
Returns the sample in a specified band for the pixel located at (x,y) as a float.

getSampleFloat(int, int, int, DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the sample in a specified band for the pixel located at (x,y) as a float.

getSampleFloat(int, int, int, DataBuffer) - Method in class `java.awt.image.ComponentSampleModel`  
Returns the sample in a specified band for the pixel located at (x,y) as a float.

getSampleFloat(int, int, int, DataBuffer) - Method in class `java.awt.image.BandedSampleModel`  
Returns the sample in a specified band for the pixel located at (x,y) as a float.

getSampleModel() - Method in interface `java.awt.image.RenderedImage`  
Returns the SampleModel associated with this image.

getSampleModel() - Method in class `java.awt.image BufferedImage`  
Returns the SampleModel associated with this BufferedImage.

getSampleModel() - Method in class `java.awt.image.Raster`  
Returns the SampleModel that describes the layout of the image data.

getSampleModelTranslateX() - Method in class `java.awt.image.Raster`  
Returns the X translation from the coordinate system of the SampleModel to that of the Raster.

getSampleModelTranslateY() - Method in class `java.awt.image.Raster`  
Returns the Y translation from the coordinate system of the SampleModel to that of the Raster.

getSampleRate() - Method in class `javax.sound.sampled.AudioFormat`  
Obtains the sample rate.

getSamples(int, int, int, int, int, double[]) - Method in class `java.awt.image.Raster`  
Returns the samples for a specified band for a specified rectangle of pixels in a double array, one sample per array element.

getSamples(int, int, int, int, int, double[], DataBuffer) - Method in class `java.awt.image.SampleModel`  
Returns the samples for a specified band for a specified rectangle of pixels in a double array, one sample per array element.

getSamples(int, int, int, int, int, float[]) - Method in class `java.awt.image.Raster`

Returns the samples for a specified band for the specified rectangle of pixels in a float array, one sample per array element.

[getSamples\(int, int, int, int, int, float\[\], DataBuffer\)](#) - Method in class [java.awt.image.SampleModel](#)

Returns the samples for a specified band for the specified rectangle of pixels in a float array, one sample per array element.

[getSamples\(int, int, int, int, int, int\[\]\)](#) - Method in class [java.awt.image.Raster](#)

Returns the samples for a specified band for the specified rectangle of pixels in an int array, one sample per array element.

[getSamples\(int, int, int, int, int, int\[\], DataBuffer\)](#) - Method in class [java.awt.image.SampleModel](#)

Returns the samples for a specified band for the specified rectangle of pixels in an int array, one sample per array element.

[getSamples\(int, int, int, int, int, int\[\], DataBuffer\)](#) - Method in class [java.awt.image.ComponentSampleModel](#)

Returns the samples in a specified band for the specified rectangle of pixels in an int array, one sample per data array element.

[getSamples\(int, int, int, int, int, int\[\], DataBuffer\)](#) - Method in class [java.awt.image.BandedSampleModel](#)

Returns the samples in a specified band for the specified rectangle of pixels in an int array, one sample per data array element.

[getSamples\(int, int, int, int, int, int\[\], DataBuffer\)](#) - Method in class [java.awt.image.SinglePixelPackedSampleModel](#)

Returns the samples for a specified band for the specified rectangle of pixels in an int array, one sample per array element.

[getSampleSize\(\)](#) - Method in class [java.awt.image.SampleModel](#)

Returns the size in bits of samples for all bands.

[getSampleSize\(\)](#) - Method in class [java.awt.image.ComponentSampleModel](#)

Returns the number of bits per sample for all bands.

[getSampleSize\(\)](#) - Method in class [java.awt.image.MultiPixelPackedSampleModel](#)

Returns the number of bits per sample for all bands.

[getSampleSize\(\)](#) - Method in class [java.awt.image.SinglePixelPackedSampleModel](#)

Returns the number of bits per sample for all bands.

[getSampleSize\(int\)](#) - Method in class [java.awt.image.SampleModel](#)

Returns the size in bits of samples for the specified band.

[getSampleSize\(int\)](#) - Method in class [java.awt.image.ComponentSampleModel](#)

Returns the number of bits per sample for the specified band.

[getSampleSize\(int\)](#) - Method in class [java.awt.image.MultiPixelPackedSampleModel](#)

Returns the number of bits per sample for the specified band.

[getSampleSize\(int\)](#) - Method in class [java.awt.image.SinglePixelPackedSampleModel](#)

Returns the number of bits per sample for the specified band.

[getSampleSizeInBits\(\)](#) - Method in class [javax.sound.sampled.AudioFormat](#)

Obtains the size of a sample.

[getScale\(int\)](#) - Method in interface [java.sql.ResultSetMetaData](#)

Gets the designated column's number of digits to right of the decimal point.

[getScaledInstance\(int, int, int\)](#) - Method in class [java.awt.Image](#)

Creates a scaled version of this image.

[getScaleFactors\(float\[\]\)](#) - Method in class [java.awt.image.RescaleOp](#)

Returns the scale factors in the given array.

[getScaleInstance\(double, double\)](#) - Static method in class [java.awt.geom.AffineTransform](#)

Returns a transform representing a scaling transformation.

[getScaleX\(\)](#) - Method in class [java.awt.geom.AffineTransform](#)

Returns the X coordinate scaling element ( $m_{00}$ ) of the 3x3 affine transformation matrix.

[getScaleY\(\)](#) - Method in class [java.awt.geom.AffineTransform](#)

Returns the Y coordinate scaling element ( $m_{11}$ ) of the 3x3 affine transformation matrix.

[getScanlineStride\(\)](#) - Method in class [java.awt.image.ComponentSampleModel](#)

Returns the scanline stride of this ComponentSampleModel.

[getScanlineStride\(\)](#) - Method in class [java.awt.image.MultiPixelPackedSampleModel](#)

Returns the scanline stride.

[getScanlineStride\(\)](#) - Method in class `java.awt.image.SinglePixelPackedSampleModel`  
Returns the scanline stride of this `SinglePixelPackedSampleModel`.

[getSchema\(Name\)](#) - Method in interface `javax.naming.directory.DirContext`  
Retrieves the schema associated with the named object.

[getSchema\(Name\)](#) - Method in class `javax.naming.directory.InitialDirContext`

[getSchema\(String\)](#) - Method in interface `javax.naming.directory.DirContext`  
Retrieves the schema associated with the named object.

[getSchema\(String\)](#) - Method in class `javax.naming.directory.InitialDirContext`

[getSchemaClassDefinition\(Name\)](#) - Method in interface `javax.naming.directory.DirContext`  
Retrieves a context containing the schema objects of the named object's class definitions.

[getSchemaClassDefinition\(Name\)](#) - Method in class `javax.naming.directory.InitialDirContext`

[getSchemaClassDefinition\(String\)](#) - Method in interface `javax.naming.directory.DirContext`  
Retrieves a context containing the schema objects of the named object's class definitions.

[getSchemaClassDefinition\(String\)](#) - Method in class `javax.naming.directory.InitialDirContext`

[getSchemaName\(int\)](#) - Method in interface `java.sql.ResultSetMetaData`  
Get the designated column's table's schema.

[getSchemas\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
Gets the schema names available in this database.

[getSchemaTerm\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's the database vendor's preferred term for "schema"?

[getScope\(\)](#) - Method in class `java.security.Identity`  
Deprecated. Returns this identity's scope.

[getScreenDevices\(\)](#) - Method in class `java.awt.GraphicsEnvironment`  
Returns an array of all of the screen `GraphicsDevice` objects.

[getScreenResolution\(\)](#) - Method in class `java.awt.Toolkit`  
Returns the screen resolution in dots-per-inch.

[getScreenSize\(\)](#) - Method in class `java.awt.Toolkit`  
Gets the size of the screen.

[getScrollableBlockIncrement\(Rectangle, int, int\)](#) - Method in class `javax.swing.JList`  
Returns the block increment amount.

[getScrollableBlockIncrement\(Rectangle, int, int\)](#) - Method in class `javax.swing.JTree`  
Returns the amount for a block increment, which is the height or width of `visibleRect`, based on orientation.

[getScrollableBlockIncrement\(Rectangle, int, int\)](#) - Method in interface `javax.swing.Scrollable`  
Components that display logical rows or columns should compute the scroll increment that will completely expose one block of rows or columns, depending on the value of orientation.

[getScrollableBlockIncrement\(Rectangle, int, int\)](#) - Method in class `javax.swing.JTable`  
Returns `visibleRect.height` or `visibleRect.width`, depending on this table's orientation.

[getScrollableBlockIncrement\(Rectangle, int, int\)](#) - Method in class `javax.swing.text.JTextComponent`  
Components that display logical rows or columns should compute the scroll increment that will completely expose one block of rows or columns, depending on the value of orientation.

[getScrollableTracksViewportHeight\(\)](#) - Method in class `javax.swing.JEditorPane`  
Returns true if a viewport should always force the height of this `Scollable` to match the height of the viewport.

[getScrollableTracksViewportHeight\(\)](#) - Method in class `javax.swing.JList`  
Returns true if this `JList` is displayed in a `JViewport` and the viewport is taller than `JList`'s preferred height; otherwise returns false.

[getScrollableTracksViewportHeight\(\)](#) - Method in class `javax.swing.JTree`  
Returns false to indicate that the height of the viewport does not determine the height of the table, unless the preferred height of the tree is smaller than the viewports height.

[getScrollableTracksViewportHeight\(\)](#) - Method in interface `javax.swing.Scrollable`  
Return true if a viewport should always force the height of this `Scollable` to match the

height of the viewport.

getScollableTracksViewportHeight() - Method in class javax.swing.JTable  
Returns false to indicate that the height of the viewport does not determine the height of the table.

getScollableTracksViewportHeight() - Method in class javax.swing.text.JTextComponent  
Return true if a viewport should always force the height of this Scrollable to match the height of the viewport.

getScollableTracksViewportWidth() - Method in class javax.swing.JEditorPane  
Returns true if a viewport should always force the width of this Scrollable to match the width of the viewport.

getScollableTracksViewportWidth() - Method in class javax.swing.JList  
Returns true if this JList is displayed in a JViewport and the viewport is wider than JList's preferred width; otherwise returns false.

getScollableTracksViewportWidth() - Method in class javax.swing.JTree  
Returns false to indicate that the width of the viewport does not determine the width of the table, unless the preferred width of the tree is smaller than the viewports width.

getScollableTracksViewportWidth() - Method in interface javax.swing.Scrollable  
Return true if a viewport should always force the width of this Scrollable to match the width of the viewport.

getScollableTracksViewportWidth() - Method in class javax.swing.JTable  
Returns false to indicate that the width of the viewport does not determine the width of the table.

getScollableTracksViewportWidth() - Method in class javax.swing.JTextArea  
Returns true if a viewport should always force the width of this Scrollable to match the width of the viewport.

getScollableTracksViewportWidth() - Method in class javax.swing.text.JTextComponent  
Return true if a viewport should always force the width of this Scrollable to match the width of the viewport.

getScollableUnitIncrement(Rectangle, int, int) - Method in class javax.swing.JList  
Returns the distance to scroll to expose the next or previous row (for vertical scrolling) or character (for horizontal scrolling).

getScollableUnitIncrement(Rectangle, int, int) - Method in class javax.swing.JTree  
Returns the amount to increment when scrolling.

getScollableUnitIncrement(Rectangle, int, int) - Method in interface javax.swing.Scrollable  
Components that display logical rows or columns should compute the scroll increment that will completely expose one new row or column, depending on the value of orientation.

getScollableUnitIncrement(Rectangle, int, int) - Method in class javax.swing.JTable  
Returns the scroll increment (in pixels) that completely exposes one new row or column (depending on the orientation).

getScollableUnitIncrement(Rectangle, int, int) - Method in class javax.swing.JTextArea  
Components that display logical rows or columns should compute the scroll increment that will completely expose one new row or column, depending on the value of orientation.

getScollableUnitIncrement(Rectangle, int, int) - Method in class javax.swing.text.JTextComponent  
Components that display logical rows or columns should compute the scroll increment that will completely expose one new row or column, depending on the value of orientation.

getScrollbarDisplayPolicy() - Method in class java.awt.ScrollPane  
Returns the display policy for the scrollbars.

getScrollbarVisibility() - Method in class java.awt.TextArea  
Gets an enumerated value that indicates which scroll bars the text area uses.

getScrollMode() - Method in class javax.swing.JViewport  
Returns the current scrolling mode.

getScrollOffset() - Method in class javax.swing.JTextField  
Gets the scroll offset.

getScrollPane() - Method in class javax.swing.plaf.basic.BasicTreeUI.ComponentHandler  
Returns the JScrollPane housing the JTree, or null if one isn't found.

getScrollPosition() - Method in class java.awt.ScrollPane  
Returns the current x,y position within the child which is displayed at the 0,0 location of

the scrolled panel's view port.

getScrollsOnExpand() - Method in class javax.swing.JTree  
Returns true if the tree scrolls to show previously hidden children.

getSearchScope() - Method in class javax.naming.directory.SearchControls  
Retrieves the search scope of these SearchControls.

getSearchStringEscape() - Method in interface java.sql.DatabaseMetaData  
Gets the string that can be used to escape wildcard characters.

getSecondary1() - Method in class javax.swing.plaf.metal.MetalTheme

getSecondary1() - Method in class javax.swing.plaf.metal.DefaultMetalTheme

getSecondary2() - Method in class javax.swing.plaf.metal.MetalTheme

getSecondary2() - Method in class javax.swing.plaf.metal.DefaultMetalTheme

getSecondary3() - Method in class javax.swing.plaf.metal.MetalTheme

getSecondary3() - Method in class javax.swing.plaf.metal.DefaultMetalTheme

getSeconds() - Method in class java.sql.Date  
Deprecated.

getSeconds() - Method in class java.util.Date  
Deprecated. As of JDK version 1.1, replaced by Calendar.get(Calendar.SECOND).

getSecurityContext() - Method in class java.lang.SecurityManager  
Creates an object that encapsulates the current execution environment.

getSecurityContext(ClassLoader) - Static method in class java.rmi.server.RMIClassLoader  
Deprecated. no replacement. As of the Java 2 platform v1.2, RMI no longer uses this method to obtain a class loader's security context.

getSecurityContext(ClassLoader) - Method in interface java.rmi.server.LoaderHandler  
Deprecated. no replacement

getSecurityManager() - Static method in class java.lang.System  
Gets the system security interface.

getSeed(int) - Static method in class java.security.SecureRandom  
Returns the given number of seed bytes, computed using the seed generation algorithm that this class uses to seed itself.

getSelectColor() - Method in class javax.swing.plaf.metal.MetalToggleButtonUI

getSelectColor() - Method in class javax.swing.plaf.metal.MetalRadioButtonUI

getSelectColor() - Method in class javax.swing.plaf.metal.MetalButtonUI

getSelectedAccessibleColumns() - Method in interface javax.accessibility.AccessibleTable  
Returns the selected columns in a table.

getSelectedAccessibleColumns() - Method in class javax.swing.JTable.AccessibleJTable  
Returns the selected columns in a table.

getSelectedAccessibleRows() - Method in interface javax.accessibility.AccessibleTable  
Returns the selected rows in a table.

getSelectedAccessibleRows() - Method in class javax.swing.JTable.AccessibleJTable  
Returns the selected rows in a table.

getSelectedCheckbox() - Method in class java.awt.CheckboxGroup  
Gets the current choice from this check box group.

getSelectedColor() - Method in class javax.swing.colorchooser.DefaultColorSelectionModel

getSelectedColor() - Method in interface javax.swing.colorchooser.ColorSelectionModel

getSelectedColumn() - Method in class javax.swing.JTable  
Returns the index of the first selected column, -1 if no column is selected.

[getSelectedColumnCount\(\)](#) - Method in class javax.swing.JTable  
    Returns the number of selected columns.

[getSelectedColumnCount\(\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
    Returns the number of columns selected.

[getSelectedColumnCount\(\)](#) - Method in interface javax.swing.table.TableColumnModel  
    Returns the number of selected columns.

[getSelectedColumns\(\)](#) - Method in class javax.swing.JTable  
    Returns the indices of all selected columns.

[getSelectedColumns\(\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
    Returns an array of selected columns.

[getSelectedColumns\(\)](#) - Method in interface javax.swing.table.TableColumnModel  
    Returns an array of indicies of all selected columns.

[getSelectedComponent\(\)](#) - Method in class javax.swing.JTabbedPane  
    Returns the currently selected component for this tabbedpane.

[getSelectedFile\(\)](#) - Method in class javax.swing.JFileChooser  
    Returns the selected file.

[getSelectedFiles\(\)](#) - Method in class javax.swing.JFileChooser  
    Returns a list of selected files if the file chooser is set to allow multiple selection.

[getSelectedFrame\(\)](#) - Method in class javax.swing.JDesktopPane  
    return the currently active JInternalFrame in this JDesktopPane, or null if no JInternalFrame is currently active.

[getSelectedIcon\(\)](#) - Method in class javax.swing.AbstractButton  
    Returns the selected icon for the button.

[getSelectedIndex\(\)](#) - Method in class java.awt.List  
    Gets the index of the selected item on the list,

[getSelectedIndex\(\)](#) - Method in class java.awt.Choice  
    Returns the index of the currently selected item.

[getSelectedIndex\(\)](#) - Method in class javax.swing.DefaultSingleSelectionModel

[getSelectedIndex\(\)](#) - Method in class javax.swing.JTabbedPane  
    Returns the currently selected index for this tabbedpane.

[getSelectedIndex\(\)](#) - Method in interface javax.swing.SingleSelectionModel  
    Returns the model's selection.

[getSelectedIndex\(\)](#) - Method in class javax.swing.JComboBox  
    Returns the first item in the list that matches the given item.

[getSelectedIndex\(\)](#) - Method in class javax.swing.JList  
    Returns the first selected index; returns -1 if there is no selected item.

[getSelectedIndexes\(\)](#) - Method in class java.awt.List  
    Gets the selected indexes on the list.

[getSelectedIndices\(\)](#) - Method in class javax.swing.JList  
    Returns an array of all of the selected indices in increasing order.

[getSelectedItem\(\)](#) - Method in class java.awt.List  
    Get the selected item on this scrolling list.

[getSelectedItem\(\)](#) - Method in class java.awt.Choice  
    Gets a representation of the current choice as a string.

[getSelectedItem\(\)](#) - Method in class javax.swing.DefaultComboBoxModel

[getSelectedItem\(\)](#) - Method in class javax.swing.JComboBox  
    Returns the currently selected item.

[getSelectedItem\(\)](#) - Method in interface javax.swing.ComboBoxModel  
    Return the selected item

[getSelectedItem\(\)](#) - Method in class javax.swing.plaf.metal.MetalFileChooserUI.DirectoryComboBoxModel

[getSelectedItem\(\)](#) - Method in class javax.swing.plaf.metal.MetalFileChooserUI.FilterComboBoxModel

[getSelectedItems\(\)](#) - Method in class java.awt.List  
    Get the selected items on this scrolling list.

getSelectedObjects() - Method in class `java.awt.Checkbox`  
    Returns an array (length 1) containing the checkbox label or null if the checkbox is not selected.

getSelectedObjects() - Method in class `java.awt.List`  
    Returns the selected items on the list in an array of Objects.

getSelectedObjects() - Method in class `java.awt.Choice`  
    Returns an array (length 1) containing the currently selected item.

getSelectedObjects() - Method in interface `java.awt.ItemSelectable`  
    Returns the selected items or null if no items are selected.

getSelectedObjects() - Method in class `java.awt.CheckboxMenuItem`  
    Returns the an array (length 1) containing the checkbox menu item label or null if the checkbox is not selected.

getSelectedObjects() - Method in class `javax.swing.AbstractButton`  
    Returns an array (length 1) containing the label or null if the button is not selected.

getSelectedObjects() - Method in class `javax.swing.JCheckBoxMenuItem`  
    Returns an array (length 1) containing the check box menu item label or null if the check box is not selected.

getSelectedObjects() - Method in class `javax.swing.JComboBox`  
    Returns an array containing the selected item.

getSelectedObjects() - Method in class `javax.swing.DefaultButtonModel`  
    Overriden to return null

getSelectedPath() - Method in class `javax.swing.MenuSelectionManager`  
    Returns the path to the currently selected menu item

getSelectedRow() - Method in class `javax.swing.JTable`  
    Returns the index of the first selected row, -1 if no row is selected.

getSelectedRowCount() - Method in class `javax.swing.JTable`  
    Returns the number of selected rows.

getSelectedRows() - Method in class `javax.swing.JTable`  
    Returns the indices of all selected rows.

getSelectedTabPadInsets(int) - Method in class `javax.swing.plaf.basic.BasicTabbedPaneUI`

getSelectedText() - Method in class `java.awt.TextComponent`  
    Gets the selected text from the text that is presented by this text component.

getSelectedText() - Method in class `java.awt.TextComponent.AccessibleAWTTextComponent`  
    Returns the portion of the text that is selected.

getSelectedText() - Method in interface `javax.accessibility.AccessibleText`  
    Returns the portion of the text that is selected.

getSelectedText() - Method in class `javax.swing.AbstractButton.AccessibleAbstractButton`  
    Returns the portion of the text that is selected.

getSelectedText() - Method in class `javax.swing.JLabel.AccessibleJLabel`  
    Returns the portion of the text that is selected.

getSelectedText() - Method in class `javax.swing.text.JTextComponent`  
    Returns the selected text contained in this TextComponent.

getSelectedText() - Method in class `javax.swing.text.JTextComponent.AccessibleJTextComponent`  
    Returns the portion of the text that is selected.

getSelectedText(AttributedCharacterIterator.Attribute[]) - Method in interface `java.awt.im.InputMethodRequests`  
    Gets the currently selected text from the text editing component.

getSelectedTextColor() - Method in class `javax.swing.text.JTextComponent`  
    Fetches the current color used to render the selected text.

getSelectedValue() - Method in class `javax.swing.JList`  
    Returns the first selected value, or null if the selection is empty.

getSelectedValues() - Method in class `javax.swing.JList`  
    Returns an array of the values for the selected cells.

getSelection() - Method in class `javax.swing.ButtonGroup`  
    Return the selected button model.

getSelectionBackground() - Method in class `javax.swing.JList`

Returns the background color for selected cells.  
[getSelectionBackground\(\)](#) - Method in class javax.swing.JTable  
    Returns the background color for selected cells.  
[getSelectionBackground\(\)](#) - Method in class javax.swing.plaf.basic.BasicProgressBarUI  
    The "selectionBackground" is the color of the text when it is drawn over an unfilled area of the progress bar.  
[getSelectionColor\(\)](#) - Method in class javax.swing.text.JTextComponent  
    Fetches the current color used to render the selection.  
[getSelectionCount\(\)](#) - Method in class javax.swing.JTree  
    Returns the number of nodes selected.  
[getSelectionCount\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the number of paths that are selected.  
[getSelectionCount\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the number of paths that are selected.  
[getSelectionEnd\(\)](#) - Method in class java.awt.TextComponent  
    Gets the end position of the selected text in this text component.  
[getSelectionEnd\(\)](#) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent  
    Returns the end offset within the selected text.  
[getSelectionEnd\(\)](#) - Method in interface javax.accessibility.AccessibleText  
    Returns the end offset within the selected text.  
[getSelectionEnd\(\)](#) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton  
    Returns the end offset within the selected text.  
[getSelectionEnd\(\)](#) - Method in class javax.swing.JLabel.AccessibleJLabel  
    Returns the end offset within the selected text.  
[getSelectionEnd\(\)](#) - Method in class javax.swing.text.JTextComponent  
    Returns the selected text's end position.  
[getSelectionEnd\(\)](#) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent  
    Returns the end offset within the selected text.  
[getSelectionForeground\(\)](#) - Method in class javax.swing.JList  
    Returns the selection foreground color.  
[getSelectionForeground\(\)](#) - Method in class javax.swing.JTable  
    Returns the foreground color for selected cells.  
[getSelectionForeground\(\)](#) - Method in class javax.swing.plaf.basic.BasicProgressBarUI  
    The "selectionForeground" is the color of the text when it is drawn over a filled area of the progress bar.  
[getSelectionMode\(\)](#) - Method in class javax.swing.DefaultListSelectionModel  
    Returns the selection mode.  
[getSelectionMode\(\)](#) - Method in class javax.swing.JList  
    Returns whether single-item or multiple-item selections are allowed.  
[getSelectionMode\(\)](#) - Method in interface javax.swing.ListSelectionModel  
    Returns the current selection mode.  
[getSelectionMode\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the selection mode, one of SINGLE\_TREE\_SELECTION, DISCONTIGUOUS\_TREE\_SELECTION or CONTIGUOUS\_TREE\_SELECTION.  
[getSelectionMode\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the current selection mode, one of SINGLE\_TREE\_SELECTION, CONTIGUOUS\_TREE\_SELECTION or DISCONTIGUOUS\_TREE\_SELECTION.  
[getSelectionModel\(\)](#) - Method in class javax.swing.JColorChooser  
    Returns the data model that handles color selections.  
[getSelectionModel\(\)](#) - Method in class javax.swing.JPopupMenu  
    Returns the model object that handles single selections.  
[getSelectionModel\(\)](#) - Method in class javax.swing.JList  
    Returns the value of the current selection model.  
[getSelectionModel\(\)](#) - Method in class javax.swing.JTree  
    Returns the model for selections.  
[getSelectionModel\(\)](#) - Method in class javax.swing.JTable  
    Returns the ListSelectionModel that is used to maintain row selection state.

[getSelectionModel\(\)](#) - Method in class javax.swing.JMenuBar  
    Returns the model object that handles single selections.

[getSelectionModel\(\)](#) - Method in class javax.swing.table.DefaultTableColumnModel  
    Returns the ListSelectionModel that is used to maintain column selection state.

[getSelectionModel\(\)](#) - Method in interface javax.swing.table.TableColumnModel  
    Returns the current selection model.

[getSelectionModel\(\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the model used to maintain the selection.

[getSelectionModel\(\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI

[getSelectionPainter\(\)](#) - Method in class javax.swing.text.DefaultCaret  
    Gets the painter for the Highlighter.

[getSelectionPath\(\)](#) - Method in class javax.swing.JTree  
    Returns the path to the first selected node.

[getSelectionPath\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the first path in the selection.

[getSelectionPath\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the first path in the selection.

[getSelectionPaths\(\)](#) - Method in class javax.swing.JTree  
    Returns the paths of all selected values.

[getSelectionPaths\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns the paths in the selection.

[getSelectionPaths\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns the paths in the selection.

[getSelectionRows\(\)](#) - Method in class javax.swing.JTree  
    Returns all of the currently selected rows.

[getSelectionRows\(\)](#) - Method in class javax.swing.tree.DefaultTreeSelectionModel  
    Returns all of the currently selected rows.

[getSelectionRows\(\)](#) - Method in interface javax.swing.tree.TreeSelectionModel  
    Returns all of the currently selected rows.

[getSelectionStart\(\)](#) - Method in class java.awt.TextComponent  
    Gets the start position of the selected text in this text component.

[getSelectionStart\(\)](#) - Method in class java.awt.TextComponent.AccessibleAWTTextComponent  
    Returns the start offset within the selected text.

[getSelectionStart\(\)](#) - Method in interface javax.accessibility.AccessibleText  
    Returns the start offset within the selected text.

[getSelectionStart\(\)](#) - Method in class javax.swing.AbstractButton.AccessibleAbstractButton  
    Returns the start offset within the selected text.

[getSelectionStart\(\)](#) - Method in class javax.swing.JLabel.AccessibleJLabel  
    Returns the start offset within the selected text.

[getSelectionStart\(\)](#) - Method in class javax.swing.text.JTextComponent  
    Returns the selected text's start position.

[getSelectionStart\(\)](#) - Method in class javax.swing.text.JTextComponent.AccessibleJTextComponent  
    Returns the start offset within the selected text.

[getSelectionValues\(\)](#) - Method in class javax.swing.JOptionPane  
    Returns the selection values.

[getSendBufferSize\(\)](#) - Method in class java.net.DatagramSocket  
    Get value of the SO\_SNDBUF option for this DatagramSocket, that is the buffer size used by the platform for output on this DatagramSocket.

[getSendBufferSize\(\)](#) - Method in class java.net.Socket  
    Get value of the SO\_SNDBUF option for this Socket, that is the buffer size used by the platform for output on this Socket.

[getSentenceInstance\(\)](#) - Static method in class java.text.BreakIterator  
    Create BreakIterator for sentence-breaks using default locale Returns an instance of a BreakIterator implementing sentence breaks.

[getSentenceInstance\(Locale\)](#) - Static method in class java.text.BreakIterator  
    Create BreakIterator for sentence-breaks using specified locale Returns an instance of a

BreakIterator implementing sentence breaks.

getSeparatorBackground() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getSeparatorBackground() - Method in class javax.swing.plaf.metal.MetalTheme

getSeparatorForeground() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getSeparatorForeground() - Method in class javax.swing.plaf.metal.MetalTheme

getSeparatorSize() - Method in class javax.swing.JToolBar.Separator

    Returns the size of the separator

getSequence() - Method in interface javax.sound.midi.Sequencer

    Obtains the sequence on which the Sequencer is currently operating.

getSequence(File) - Static method in class javax.sound.midi.MidiSystem

    Obtains a MIDI sequence from the specified File.

getSequence(File) - Method in class javax.sound.midi.spi.MidiFileReader

    Obtains a MIDI sequence from the File provided.

getSequence(InputStream) - Static method in class javax.sound.midi.MidiSystem

    Obtains a MIDI sequence from the specified input stream.

getSequence(InputStream) - Method in class javax.sound.midi.spi.MidiFileReader

    Obtains a MIDI sequence from the input stream provided.

getSequence(URL) - Static method in class javax.sound.midi.MidiSystem

    Obtains a MIDI sequence from the specified URL.

getSequence(URL) - Method in class javax.sound.midi.spi.MidiFileReader

    Obtains a MIDI sequence from the URL provided.

getSequencer() - Static method in class javax.sound.midi.MidiSystem

    Obtains the default sequencer.

getSerialNumber() - Method in class java.security.cert.X509Certificate

    Gets the serialNumber value from the certificate.

getSerialNumber() - Method in class java.security.cert.X509CRLEntry

    Gets the serial number from this X509CRLEntry, the *userCertificate*.

getSerialVersionUID() - Method in class java.io.ObjectStreamClass

    Return the serialVersionUID for this class.

getService(BeanContextChild, Object, Class, Object, BeanContextServiceRevokedListener) - Method in class java.beans.beancontext.BeanContextServicesSupport

    obtain a service which may be delegated

getService(BeanContextChild, Object, Class, Object, BeanContextServiceRevokedListener) - Method in interface java.beans.beancontext.BeanContextServices

    A BeanContextChild, or any arbitrary object associated with a BeanContextChild, may obtain a reference to a currently registered service from its nesting BeanContextServices via invocation of this method.

getService(BeanContextServices, Object, Class, Object) - Method in class java.beans.beancontext.BeanContextServicesSupport.BCSSProxyServiceProvider

getService(BeanContextServices, Object, Class, Object) - Method in interface java.beans.beancontext.BeanContextServiceProvider

    Invoked by BeanContextServices, this method requests an instance of a service from this BeanContextServiceProvider.

getServiceClass() - Method in class java.beans.beancontext.BeanContextServiceAvailableEvent

    Gets the service class that is the subject of this notification.

getServiceClass() - Method in class java.beans.beancontext.BeanContextServiceRevokedEvent

    Gets the service class that is the subject of this notification

getServiceProvider() - Method in class java.beans.beancontext.BeanContextServicesSupport.BCSSServiceProvider

getServicesBeanInfo() - Method in interface java.beans.beancontext.BeanContextServiceProviderBeanInfo

Gets a BeanInfo array, one for each service class or interface statically available from this ServiceProvider.

getShadowColor() - Method in class javax.swing.border.EtchedBorder  
Returns the shadow color of the etched border.

getShadowColor() - Method in class javax.swing.plaf.basic.BasicSliderUI

getShadowColor(Component) - Method in class javax.swing.border.EtchedBorder  
Returns the shadow color of the etched border when rendered on the specified component.

getShadowInnerColor() - Method in class javax.swing.border.BevelBorder  
Returns the inner shadow color of the bevel border.

getShadowInnerColor(Component) - Method in class javax.swing.border.BevelBorder  
Returns the inner shadow color of the bevel border when rendered on the specified component.

getShadowOuterColor() - Method in class javax.swing.border.BevelBorder  
Returns the outer shadow color of the bevel border.

getShadowOuterColor(Component) - Method in class javax.swing.border.BevelBorder  
Returns the outer shadow color of the bevel border when rendered on the specified component.

getSharedAncestor(DefaultMutableTreeNode) - Method in class javax.swing.tree.DefaultMutableTreeNode  
Returns the nearest common ancestor to this node and aNode.

getShearInstance(double, double) - Static method in class java.awt.geom.AffineTransform  
Returns a transform representing a shearing transformation.

getShearX() - Method in class java.awt.geom.AffineTransform  
Returns the X coordinate shearing element (m01) of the 3x3 affine transformation matrix.

getShearY() - Method in class java.awt.geom.AffineTransform  
Returns the Y coordinate shearing element (m10) of the 3x3 affine transformation matrix.

getShift() - Method in class javax.swing.plaf.metal.MetalIconFactory.FolderIcon16

getShift() - Method in class javax.swing.plaf.metal.MetalIconFactory.TreeFolderIcon

getShift() - Method in class javax.swing.plaf.metal.MetalIconFactory.FileIcon16

getShift() - Method in class javax.swing.plaf.metal.MetalIconFactory.TreeLeafIcon

getShort(int) - Method in interface java.sql.CallableStatement  
Gets the value of a JDBC SMALLINT parameter as a short in the Java programming language.

getShort(int) - Method in interface java.sql.ResultSet  
Gets the value of the designated column in the current row of this ResultSet object as a short in the Java programming language.

getShort(Object) - Method in class java.lang.reflect.Field  
Gets the value of a field as a short on the specified object.

getShort(Object, int) - Static method in class java.lang.reflect.Array  
Returns the value of the indexed component in the specified array object, as a short.

getShort(String) - Method in interface java.sql.ResultSet  
Gets the value of the designated column in the current row of this ResultSet object as a short in the Java programming language.

getShortcut() - Method in class java.awt.MenuItem  
Get the MenuShortcut object associated with this menu item.

getShortcutMenuItem(MenuShortcut) - Method in class java.awtMenuBar  
Gets the instance of MenuItem associated with the specified MenuShortcut object, or null if none of the menu items being managed by this menu bar is associated with the specified menu shortcut.

getShortDescription() - Method in class java.beans.FeatureDescriptor  
Gets the short description of this feature.

getShortMonths() - Method in class java.text.DateFormatSymbols  
Gets short month strings.

getShortParameter(int) - Method in class java.awt.image.renderable.ParameterBlock  
A convenience method to return a parameter as a short.

getShortWeekdays() - Method in class java.text.DateFormatSymbols

Gets short weekday strings.

[getShowHorizontalLines\(\)](#) - Method in class javax.swing.JTable  
Returns true if the table draws horizontal lines between cells, false if it doesn't.

[getShowsRootHandles\(\)](#) - Method in class javax.swing.JTree  
Returns true if handles for the root nodes are displayed.

[getShowsRootHandles\(\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI

[getShowVerticalLines\(\)](#) - Method in class javax.swing.JTable  
Returns true if the table draws vertical lines between cells, false if it doesn't.

[getSiblingCount\(\)](#) - Method in class javax.swing.tree.DefaultMutableTreeNode  
Returns the number of siblings of this node.

[getSides\(\)](#) - Method in class java.awt.JobAttributes  
Returns how consecutive pages should be imposed upon the sides of the print medium for jobs using these attributes.

[getSigAlgName\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the signature algorithm name for the certificate signature algorithm.

[getSigAlgName\(\)](#) - Method in class java.security.cert.X509CRL  
Gets the signature algorithm name for the CRL signature algorithm.

[getSigAlgOID\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the signature algorithm OID string from the certificate.

[getSigAlgOID\(\)](#) - Method in class java.security.cert.X509CRL  
Gets the signature algorithm OID string from the CRL.

[getSigAlgParams\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the DER-encoded signature algorithm parameters from this certificate's signature algorithm.

[getSigAlgParams\(\)](#) - Method in class java.security.cert.X509CRL  
Gets the DER-encoded signature algorithm parameters from this CRL's signature algorithm.

[getSignature\(\)](#) - Method in class java.security.SignedObject  
Retrieves the signature on the signed object, in the form of a byte array.

[getSignature\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the signature value (the raw signature bits) from the certificate.

[getSignature\(\)](#) - Method in class java.security.cert.X509CRL  
Gets the signature value (the raw signature bits) from the CRL.

[getSigners\(\)](#) - Method in class java.lang.Class  
Gets the signers of this class.

[getSize\(\)](#) - Method in class java.awt.Component  
Returns the size of this component in the form of a Dimension object.

[getSize\(\)](#) - Method in class java.awt.AccessibleAWTComponent  
Returns the size of this object in the form of a Dimension object.

[getSize\(\)](#) - Method in class java.awt.MenuComponent.AccessibleAWTMenuComponent  
Returns the size of this object in the form of a Dimension object.

[getSize\(\)](#) - Method in class java.awt.Font  
Returns the point size of this Font, rounded to an integer.

[getSize\(\)](#) - Method in class java.awt.List.AccessibleAWTList.AccessibleAWTListChild  
Returns the size of this object in the form of a Dimension object.

[getSize\(\)](#) - Method in class java.awt.Dimension  
Gets the size of this Dimension object.

[getSize\(\)](#) - Method in class java.awt.Rectangle  
Gets the size of this Rectangle, represented by the returned Dimension.

[getSize\(\)](#) - Method in class java.awt.image.DataBuffer  
Returns the size (in array elements) of all banks.

[getSize\(\)](#) - Method in class java.util.zip.ZipEntry  
Returns the uncompressed size of the entry data, or -1 if not known.

[getSize\(\)](#) - Method in interface javax.accessibility.AccessibleComponent  
Returns the size of this object in the form of a Dimension object.

[getSize\(\)](#) - Method in interface javax.swingListModel  
Returns the length of the list.

getSize() - Method in class javax.swing.DefaultComboBoxModel

getSize() - Method in class javax.swing.JList.AccessibleJList.AccessibleJListChild

getSize() - Method in class javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode

getSize() - Method in class javax.swing.JTable.AccessibleJTable.AccessibleJTableCell

getSize() - Method in class javax.swing.DefaultListModel  
    Returns the number of components in this list.

getSize() - Method in class javax.swing.table.JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry

getSize() - Method in class javax.swing.plaf.basic.BasicDirectoryModel

getSize() - Method in class javax.swing.plaf.metal.MetalFileChooserUI.DirectoryComboBoxModel

getSize() - Method in class javax.swing.plaf.metal.MetalFileChooserUI.FilterComboBoxModel

getSize(Dimension) - Method in class java.awt.Component  
    Store the width/height of this component into "return value" rv and return rv.

getSize(Dimension) - Method in class javax.swing.JComponent  
    Stores the width/height of this component into "return value" rv and returns rv.

getSize(int) - Method in class javax.swing.SizeSequence  
    Returns the size of the specified entry.

getSize2D() - Method in class java.awt.Font  
    Returns the point size of this Font in float value.

getSizeButtonsToSameWidth() - Method in class javax.swing.plaf.basic.BasicOptionPaneUI  
    Returns true, basic L&F wants all the buttons to have the same width.

getSizeOfComponent(Component) - Method in class javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager  
    Returns the width of the passed in component.

getSizes() - Method in class javax.swing.SizeSequence  
    Returns the size of all entries.

getSizes() - Method in class javax.swing.plaf.basic.BasicSplitPaneUI.BasicHorizontalLayoutManager  
    Returns the sizes of the components.

getSlaveSyncMode() - Method in interface javax.sound.midi.Sequencer  
    Obtains the current slave synchronization mode for this sequencer.

getSlaveSyncModes() - Method in interface javax.sound.midi.Sequencer  
    Obtains the set of slave synchronization modes supported by the sequencer.

getSmallDisplayIcon() - Method in class javax.swing.colorchooser.AbstractColorChooserPanel  
    Returns the large display icon for the panel.

getSnapToTicks() - Method in class javax.swing.JSlider  
    Returns true if the knob (and the data value it represents) resolve to the closest tick mark next to where the user positioned the knob.

getSocketFactory() - Static method in class java.rmi.server.RMISocketFactory  
    Returns the socket factory set by the setSocketFactory method.

getSoLinger() - Method in class java.net.Socket  
    Returns setting for SO\_LINGER.

getSolo() - Method in interface javax.sound.midi.MidiChannel  
    Obtains the current solo state for this channel.

getSoTimeout() - Method in class java.net DatagramSocket  
    Retrive setting for SO\_TIMEOUT.

getSoTimeout() - Method in class java.net.Socket  
    Returns setting for SO\_TIMEOUT.

getSoTimeout() - Method in class java.net.ServerSocket  
    Retrive setting for SO\_TIMEOUT.

getSoundbank() - Method in class javax.sound.midi.SoundbankResource  
    Obtains the sound bank that contains this SoundbankResource.

getSoundbank(File) - Static method in class javax.sound.midi.MidiSystem  
    Constructs a Soundbank by reading it from the specified File.

getSoundbank(File) - Method in class javax.sound.midi.spi.SoundbankReader  
    Obtains a soundbank object from the File provided.

getSoundbank(InputStream) - Static method in class javax.sound.midi.MidiSystem  
    Constructs a MIDI sound bank by reading it from the specified stream.

getSoundbank(InputStream) - Method in class javax.sound.midi.spi.SoundbankReader  
    Obtains a soundbank object from the InputStream provided.

getSoundbank(URL) - Static method in class javax.sound.midi.MidiSystem  
    Constructs a Soundbank by reading it from the specified URL.

getSoundbank(URL) - Method in class javax.sound.midi.spi.SoundbankReader  
    Obtains a soundbank object from the URL provided.

getSource() - Method in class java.awt.Image  
    Gets the object that produces the pixels for the image.

getSource() - Method in class java.awt.image.BufferedImage  
    Returns the object that produces the pixels for the image.

getSource() - Method in class java.util.EventObject  
    The object on which the Event initially occurred.

getSource(int) - Method in class java.awt.image.renderable.ParameterBlock  
    Returns a source as a general Object.

getSourceActions() - Method in class java.awt.dnd.DragGestureRecognizer  
    This method returns an int representing the type of action(s) this Drag and Drop operation will support.

getSourceActions() - Method in class java.awt.dnd.DropTargetDropEvent  
    This method returns an int representing the action(s) supported by the source.

getSourceActions() - Method in class java.awt.dnd.DragSourceContext  
    This method returns an int representing the current action(s) associated with this DragSourceContext.

getSourceActions() - Method in class java.awt.dnd.DropTargetDragEvent  
    This method returns an int representing set of actions supported by the source.

getSourceAsBeanContextServices() - Method in class java.beans.beancontext.BeanContextServiceAvailableEvent  
    Gets the source as a reference of type BeanContextServices.

getSourceAsBeanContextServices() - Method in class java.beans.beancontext.BeanContextServiceRevokedEvent  
    Gets the source as a reference of type BeanContextServices

getSourceAsDragGestureRecognizer() - Method in class java.awt.dnd.DragGestureEvent  
    This method returns the source as a DragGestureRecognizer.

getSourceElement() - Method in class javax.swing.text.html.HTMLFrameHyperlinkEvent  
    returns the element that corresponds to the source of the event.

getSourceEncodings() - Method in class javax.sound.sampled.spi.FormatConversionProvider  
    Obtains the set of source format encodings from which format conversion services are provided by this provider.

getSourceLineInfo() - Method in interface javax.sound.sampled.Mixer  
    Obtains information about the set of source lines supported by this mixer.

getSourceLineInfo(Line.Info) - Method in interface javax.sound.sampled.Mixer  
    Obtains information about source lines of a particular type supported by the mixer.

getSourceLineInfo(Line.Info) - Static method in class javax.sound.sampled.AudioSystem  
    Obtains information about source lines of a particular type that are supported by any installed mixer.

getSourceLines() - Method in interface javax.sound.sampled.Mixer  
    Obtains the set of all source lines currently open to this mixer.

getSources() - Method in interface java.awt.image.RenderedImage  
    Returns a vector of RenderedImages that are the immediate sources of image data for this RenderedImage.

getSources() - Method in class java.awt.image.BufferedImage  
    Returns a Vector of RenderedImage objects that are the immediate sources, not the sources of these immediate sources, of image data for this BufferedImage.

getSources() - Method in class java.awt.image.renderable.RenderableImageOp  
    Returns a vector of RenderableImages that are the sources of image data for this RenderableImage.

getSources() - Method in interface java.awt.image.renderable.RenderableImage  
    Returns a vector of RenderableImages that are the sources of image data for this RenderableImage.

getSources() - Method in class java.awt.image.renderable.ParameterBlock  
    Returns the entire Vector of sources.

getSourceString() - Method in class java.text.CollationKey  
    Returns the String that this CollationKey represents.

getSouthPane() - Method in class javax.swing.plaf.basic.BasicInternalFrameUI

getSpaceAbove(AttributeSet) - Static method in class javax.swing.text.StyleConstants  
    Gets the space above setting.

getSpaceBelow(AttributeSet) - Static method in class javax.swing.text.StyleConstants  
    Gets the space below setting.

getSpan(GlyphView, int, int, TabExpander, float) - Method in class javax.swing.text.GlyphView.GlyphPainter  
    Determine the span the glyphs given a start location (for tab expansion).

getSpan(int, int) - Method in class javax.swing.text.BoxView  
    Fetch the span of a particular child's current layout

getSpecificationTitle() - Method in class java.lang.Package  
    Return the title of the specification that this package implements.

getSpecificationVendor() - Method in class java.lang.Package  
    Return the name of the organization, vendor, or company that owns and maintains the specification of the classes that implement this package.

getSpecificationVersion() - Method in class java.lang.Package  
    Returns the version number of the specification that this package implements.

getSplitPane() - Method in class javax.swing.plaf.basic.BasicSplitPaneUI  
    Returns the splitpane this instance is currently contained in.

getSplitPaneBorder() - Static method in class javax.swing.plaf.basic.BasicBorders

getSplitPaneDividerBorder() - Static method in class javax.swing.plaf.basic.BasicBorders  
    Returns a border instance for a JSplitPane divider

getSQLKeywords() - Method in interface java.sql.DatabaseMetaData  
    Gets a comma-separated list of all a database's SQL keywords that are NOT also SQL92 keywords.

getSQLState() - Method in class java.sql.SQLException  
    Retrieves the SQLState for this SQLException object.

getSQLTypeName() - Method in interface java.sql.SQLData  
    Returns the fully-qualified name of the SQL user-defined type that this object represents.

getSQLTypeName() - Method in interface java.sql.Struct  
    Retrieves the SQL type name of the SQL structured type that this Struct object represents.

getStartIndex() - Method in class javax.accessibility.AccessibleHyperlink  
    Gets the index with the hypertext document at which this link begins

getStartIndex() - Method in class javax.swing.JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink  
    Get the index with the hypertext document at which this link begins

getStartOffset() - Method in class javax.swing.text.View  
    Fetches the portion of the model that this view is responsible for.

getStartOffset() - Method in interface javax.swing.text.Element  
    Fetches the offset from the beginning of the document that this element begins at.

getStartOffset() - Method in class javax.swing.text.GlyphView  
    Fetches the portion of the model that this view is responsible for.

getStartOffset() - Method in interface javax.swing.text.Highlighter.Highlight

Gets the starting model offset for the highlight.  
[getStartOffset\(\)](#) - Method in class javax.swing.text.AbstractWriter  
    Returns the first offset to be output.

[getStartOffset\(\)](#) - Method in class javax.swing.text.AbstractDocument.AbstractElement  
    Gets the starting offset in the model for the element.  
[getStartOffset\(\)](#) - Method in class javax.swing.text.AbstractDocument.BranchElement  
    Gets the starting offset in the model for the element.  
[getStartOffset\(\)](#) - Method in class javax.swing.text.AbstractDocument.LeafElement  
    Gets the starting offset in the model for the element.  
[getStartOffset\(\)](#) - Method in class javax.swing.text.html.HTMLDocument.Iterator  
    Start of the range for which the current occurrence of the tag is defined and has the same attributes.

[getStartPoint\(\)](#) - Method in class java.awt.geom.Arc2D  
    Returns the starting point of the arc.

[getStartPosition\(\)](#) - Method in interface javax.swing.text.Document  
    Returns a position that represents the start of the document.

[getStartPosition\(\)](#) - Method in class javax.swing.text.AbstractDocument  
    Returns a position that represents the start of the document.

[getState\(\)](#) - Method in class java.awt.Checkbox  
    Determines whether this check box is in the "on" or "off" state.

[getState\(\)](#) - Method in class java.awt.Frame  
    Gets the state of this frame.

[getState\(\)](#) - Method in class java.awt.CheckboxMenuItem  
    Determines whether the state of this check box menu item is "on" or "off."

[getState\(\)](#) - Method in class java.awt.im.InputMethodHighlight  
    Returns the conversion state of the text range.

[getState\(\)](#) - Method in class javax.swing.JCheckBoxMenuItem  
    Returns the selected-state of the item.

[getStateChange\(\)](#) - Method in class java.awt.event.ItemEvent  
    Returns the type of state change (selected or deselected).

[getStateLabel\(boolean\)](#) - Method in class javax.sound.sampled.BooleanControl  
    Obtains the label for the specified state.

[getStatement\(\)](#) - Method in interface java.sql.ResultSet  
    Returns the Statement object that produced this ResultSet object.

[getStateToBind\(Object, Name, Context, Hashtable\)](#) - Method in interface javax.naming.spi.StateFactory  
    Retrieves the state of an object for binding.

[getStateToBind\(Object, Name, Context, Hashtable\)](#) - Static method in class javax.naming.spi.NamingManager  
    Retrieves the state of an object for binding.

[getStateToBind\(Object, Name, Context, Hashtable, Attributes\)](#) - Static method in class javax.naming.spi.DirectoryManager  
    Retrieves the state of an object for binding when given the original object and its attributes.

[getStateToBind\(Object, Name, Context, Hashtable, Attributes\)](#) - Method in interface javax.naming.spi.DirStateFactory  
    Retrieves the state of an object for binding given the object and attributes to be transformed.

[getStaticAttribute\(Object\)](#) - Static method in class javax.swing.text.StyleContext  
    Returns the object previously registered with registerStaticAttributeKey.

[getStaticAttributeKey\(Object\)](#) - Static method in class javax.swing.text.StyleContext  
    Returns the String that key will be registered with

[getStatus\(\)](#) - Method in class java.awt.image.PixelGrabber  
    Return the status of the pixels.

[getStatus\(\)](#) - Method in class javax.sound.midi.MidiMessage  
    Obtains the status byte for the MIDI message.

[getStream\(URL\)](#) - Method in class javax.swing.JEditorPane  
    Fetches a stream for the given URL, which is about to be loaded by the setPage method.

getStrength() - Method in class `java.text.Collator`  
    Returns this Collator's strength property.

getStrikethroughOffset() - Method in class `java.awt.font.LineMetrics`  
    Returns the position of the strike-through line relative to the baseline.

getStrikethroughThickness() - Method in class `java.awt.font.LineMetrics`  
    Returns the thickness of the strike-through line.

getString() - Method in class `javax.swing.JProgressBar`  
    Returns the current value of the Progress String.

getString() - Method in class `javax.swing.text.html.parser.Entity`  
    Return the data as a string.

getString(int) - Method in interface `java.sql.CallableStatement`  
    Retrieves the value of a JDBC CHAR, VARCHAR, or LONGVARCHAR parameter as a String in the Java programming language.

getString(int) - Method in interface `java.sql.ResultSet`  
    Gets the value of the designated column in the current row of this ResultSet object as a String in the Java programming language.

getString(int, int) - Method in interface `javax.swing.text.AbstractDocument.Content`  
    Fetches a string of characters contained in the sequence.

getString(int, int) - Method in class `javax.swing.text.StringContent`  
    Retrieves a portion of the content.

getString(int, int) - Method in class `javax.swing.text.GapContent`  
    Retrieves a portion of the content.

getString(Object) - Method in class `javax.swing.UIDefaults`  
    If the value of key is a String return it, otherwise return null.

getString(Object) - Static method in class `javax.swing.UIManager`  
    Returns a string from the defaults table.

getString(String) - Method in interface `java.sql.ResultSet`  
    Gets the value of the designated column in the current row of this ResultSet object as a String in the Java programming language.

getString(String) - Method in class `java.util.ResourceBundle`  
    Get an object from a ResourceBundle.

getStringArray(String) - Method in class `java.util.ResourceBundle`  
    Get an object from a ResourceBundle.

getStringBounds(char[], int, int, FontRenderContext) - Method in class `java.awt.Font`  
    Returns the bounds of the specified array of characters in the specified FontRenderContext.

getStringBounds(char[], int, int, Graphics) - Method in class `java.awt.FontMetrics`  
    Returns the bounds of the specified array of characters in the specified Graphics context.

getStringBounds(CharacterIterator, int, int, FontRenderContext) - Method in class `java.awt.Font`  
    Returns the bounds of the characters indexed in the specified CharacterIterator in the specified FontRenderContext.

getStringBounds(CharacterIterator, int, int, Graphics) - Method in class `java.awt.FontMetrics`  
    Returns the bounds of the characters indexed in the specified CharacterIterator in the specified Graphics context.

getStringBounds(String, FontRenderContext) - Method in class `java.awt.Font`  
    Returns the bounds of the specified String in the specified FontRenderContext.

getStringBounds(String, Graphics) - Method in class `java.awt.FontMetrics`  
    Returns the bounds of the specified String in the specified Graphics context.

getStringBounds(String, int, int, FontRenderContext) - Method in class `java.awt.Font`  
    Returns the bounds of the specified String in the specified FontRenderContext.

getStringBounds(String, int, int, Graphics) - Method in class `java.awt.FontMetrics`  
    Returns the bounds of the specified String in the specified Graphics context.

getStringFunctions() - Method in interface `java.sql.DatabaseMetaData`  
    Gets a comma-separated list of string functions.

getStringPlacement(Graphics, String, int, int, int, int) - Method in class `javax.swing.plaf.basic.BasicProgressBarUI`  
    Designate the place where the progress string will be drawn.

getStroke() - Method in class `java.awt.Graphics2D`

Returns the current Stroke in the Graphics2D context.

[getStrongCaret\(TextHitInfo, TextHitInfo, TextLayout\)](#) - Method in class java.awt.font.TextLayout.CaretPolicy  
Chooses one of the specified TextHitInfo instances as a strong caret in the specified TextLayout.

[getStyle\(\)](#) - Method in class java.awt.Font  
Returns the style of this Font.

[getStyle\(\)](#) - Method in class java.awt.im.InputMethodHighlight  
Returns the rendering style attributes for the text range, or null.

[getStyle\(String\)](#) - Method in class javax.swing.JTextPane  
Fetches a named non-null style previously added.

[getStyle\(String\)](#) - Method in class javax.swing.text.StyleContext  
Fetches a named style previously added to the document

[getStyle\(String\)](#) - Method in interface javax.swing.text.StyledDocument  
Fetches a named style previously added.

[getStyle\(String\)](#) - Method in class javax.swing.text.DefaultStyledDocument  
Fetches a named style previously added.

[getStyledDocument\(\)](#) - Method in class javax.swing.JTextPane  
Fetches the model associated with the editor.

[getStyledDocument\(JEditorPane\)](#) - Method in class javax.swing.text.StyledEditorKit.StyledTextAction  
Gets the document associated with an editor pane.

[getStyledEditorKit\(\)](#) - Method in class javax.swing.JTextPane  
Gets the editor kit.

[getStyledEditorKit\(JEditorPane\)](#) - Method in class javax.swing.text.StyledEditorKit.StyledTextAction  
Gets the editor kit associated with an editor pane.

[getStyleNames\(\)](#) - Method in class javax.swing.text.StyleContext  
Fetches the names of the styles defined.

[getStyleNames\(\)](#) - Method in class javax.swing.text.DefaultStyledDocument  
Fetches the list of of style names.

[getStyleSheet\(\)](#) - Method in class javax.swing.text.html.ParagraphView

[getStyleSheet\(\)](#) - Method in class javax.swing.text.html.BlockView

[getStyleSheet\(\)](#) - Method in class javax.swing.text.html.InlineView

[getStyleSheet\(\)](#) - Method in class javax.swing.text.html.HTMLDocument  
Fetches the StyleSheet with the document-specific display rules (CSS) that were specified in the HTML document itself.

[getStyleSheet\(\)](#) - Method in class javax.swing.text.html.HTMLEditorKit  
Get the set of styles currently being used to render the HTML elements.

[getStylesheets\(\)](#) - Method in class javax.swing.text.html.StyleSheet  
Returns an array of the linked StyleSheets.

[getSubElements\(\)](#) - Method in class javax.swing.JMenuItem  
This method returns an array containing the sub-menu components for this menu component.

[getSubElements\(\)](#) - Method in class javax.swing.JMenu  
Returns an array of MenuElements containing the submenu for this menu component.

[getSubElements\(\)](#) - Method in class javax.swing.JPopupMenu  
Returns an array of MenuElements containing the submenu for this menu component.

[getSubElements\(\)](#) - Method in class javax.swing.JMenuBar  
Implemented to be a MenuElement -- returns the menus in this menu bar.

[getSubElements\(\)](#) - Method in interface javax.swing.MenuElement  
This method should return an array containing the sub-elements for the receiving menu element

[getSubimage\(int, int, int, int\)](#) - Method in class java.awt.image.BufferedImage  
Returns a subimage defined by a specified rectangular region.

[getSubjectDN\(\)](#) - Method in class java.security.cert.X509Certificate  
Gets the subject (subject distinguished name) value from the certificate.

[getSubjectUniqueID\(\)](#) - Method in class java.security.cert.X509Certificate

Gets the subjectUniqueID value from the certificate.  
[getSubString\(long, int\)](#) - Method in interface `java.sql.Clob`  
Returns a copy of the specified substring in the CLOB value designated by this Clob object.  
[getSubTextFont\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getSubTextFont\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

[getSubTextFont\(\)](#) - Method in class `javax.swing.plaf.metal.DefaultMetalTheme`

[getSubType\(\)](#) - Method in class `java.awt.datatransfer.DataFlavor`

[getSuffix\(int\)](#) - Method in interface `javax.naming.Name`  
Creates a name whose components consist of a suffix of the components in this name.  
[getSuffix\(int\)](#) - Method in class `javax.naming.CompoundName`  
Creates a compound name whose components consist of a suffix of the components in this compound name.  
[getSuffix\(int\)](#) - Method in class `javax.naming.CompositeName`  
Creates a composite name whose components consist of a suffix of the components in this composite name.

[getSuperclass\(\)](#) - Method in class `java.lang.Class`  
Returns the Class representing the superclass of the entity (class, interface, primitive type or void) represented by this Class.

[getSyncAllWidths\(\)](#) - Method in class `javax.swing.plaf.basic.BasicOptionPaneUI.ButtonAreaLayout`

[getSynthesizer\(\)](#) - Static method in class `javax.sound.midi.MidiSystem`  
Obtains the default synthesizer.

[getSystem\(\)](#) - Method in class `java.rmi.activation.ActivationGroupID`  
Returns the group's activation system.

[getSystem\(\)](#) - Static method in class `java.rmi.activation.ActivationGroup`  
Returns the activation system for the VM.

[getSystemClassLoader\(\)](#) - Static method in class `java.lang.ClassLoader`  
Returns the system class loader for delegation.

[getSystemClipboard\(\)](#) - Method in class `java.awt.Toolkit`  
Gets the singleton instance of the system Clipboard which interfaces with clipboard facilities provided by the native platform.

[getSystemCustomCursor\(String\)](#) - Static method in class `java.awt.Cursor`

[getSystemEventQueue\(\)](#) - Method in class `java.awt.Toolkit`  
Get the application's or applet's EventQueue instance.  
[getSystemEventQueueImpl\(\)](#) - Method in class `java.awt.Toolkit`

[getSystemFunctions\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
Gets a comma-separated list of system functions.

[getSystemLookAndFeelClassName\(\)](#) - Static method in class `javax.swing.UIManager`  
Returns the name of the LookAndFeel class that implements the native systems look and feel if there is one, otherwise the name of the default cross platform LookAndFeel class.

[getSystemResource\(String\)](#) - Static method in class `java.lang.ClassLoader`  
Find a resource of the specified name from the search path used to load classes.

[getSystemResourceAsStream\(String\)](#) - Static method in class `java.lang.ClassLoader`  
Open for reading, a resource of the specified name from the search path used to load classes.

[getSystemResources\(String\)](#) - Static method in class `java.lang.ClassLoader`  
Finds all resources of the specified name from the search path used to load classes.

[getSystemScope\(\)](#) - Static method in class `java.security.IdentityScope`  
Deprecated. Returns the system's identity scope.

[getSystemTextColor\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getSystemTextColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

getSystemTextFont() - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

getSystemTextFont() - Method in class javax.swing.plaf.metal.MetalTheme

getSystemTextFont() - Method in class javax.swing.plaf.metal.DefaultMetalTheme

getTab(int) - Method in class javax.swing.text.TabSet

    Returns the TabStop at index index.

getTabAfter(float) - Method in class javax.swing.text.TabSet

    Returns the Tab instance after location.

getTabAreaInsets(int) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getTabBase() - Method in class javax.swing.text.ParagraphView

getTabbedSpan(float, TabExpander) - Method in class javax.swing.text.GlyphView

    Determines the desired span when using the given tab expansion implementation.

getTabbedSpan(float, TabExpander) - Method in interface javax.swing.text.TabableView

    Determines the desired span when using the given tab expansion implementation.

getTabbedTextOffset(Segment, FontMetrics, int, int, TabExpander, int) - Static method in class javax.swing.text.Utilities

    Determines the relative offset into the given text that best represents the given span in the view coordinate system.

getTabbedTextOffset(Segment, FontMetrics, int, int, TabExpander, int, boolean) - Static method in class javax.swing.text.Utilities

getTabbedTextWidth(Segment, FontMetrics, int, TabExpander, int) - Static method in class javax.swing.text.Utilities

    Determines the width of the given segment of text taking tabs into consideration.

getTabBounds(JTabbedPane, int) - Method in class javax.swing.plaf.TabbedPaneUI

getTabBounds(JTabbedPane, int) - Method in class javax.swing.plaf.multi.MultiTabbedPaneUI

    Call getTabBounds on each UI handled by this MultiUI.

getTabCount() - Method in class javax.swing.JTabbedPane

    Returns the number of tabs in this tabbedpane.

getTabCount() - Method in class javax.swing.text.TabSet

    Returns the number of Tab instances the receiver contains.

getTabExpander() - Method in class javax.swing.text.GlyphView

    Fetch the TabExpander to use if tabs are present in this view.

getTabIndex(TabStop) - Method in class javax.swing.text.TabSet

getTabIndexAfter(float) - Method in class javax.swing.text.TabSet

    Returns the index of the Tab to be used after location.

getTabInsets(int, int) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getTabLabelShiftX(int, int, boolean) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getTabLabelShiftX(int, int, boolean) - Method in class javax.swing.plaf.metal.MetalTabbedPaneUI

    Overidden to do nothing for the Java L&F.

getTabLabelShiftY(int, int, boolean) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

getTabLabelShiftY(int, int, boolean) - Method in class javax.swing.plaf.metal.MetalTabbedPaneUI

    Overidden to do nothing for the Java L&F.

getTable() - Method in class java.awt.image.ByteLookupTable

    Returns the lookup table data by reference.

getTable() - Method in class `java.awt.image.LookupOp`  
    Returns the `LookupTable`.

getTable() - Method in class `java.awt.image.ShortLookupTable`  
    Returns the lookup table data by reference.

getTable() - Method in class `javax.swing.table.JTableHeader`  
    Returns the table associated with this header.

getTableCellEditorComponent(JTable, Object, boolean, int, int) - Method in class `javax.swing.DefaultCellEditor`

getTableCellEditorComponent(JTable, Object, boolean, int, int) - Method in interface `javax.swing.table.TableCellEditor`  
    Sets an initial value for the editor.

getTableCellRendererComponent(JTable, Object, boolean, boolean, int, int) - Method in interface `javax.swing.table.TableCellRenderer`  
    Returns the component used for drawing the cell.

getTableCellRendererComponent(JTable, Object, boolean, boolean, int, int) - Method in class `javax.swing.table.DefaultTableCellRenderer`  
    Returns the default table cell renderer.

getTableHeader() - Method in class `javax.swing.JTable`  
    Returns the `tableHeader` used by this `JTable`.

getTableName(int) - Method in interface `java.sql.ResultSetMetaData`  
    Gets the designated column's table name.

getTablePrivileges(String, String, String) - Method in interface `java.sql.DatabaseMetaData`  
    Gets a description of the access rights for each table available in a catalog.

getTables(String, String, String[]) - Method in interface `java.sql.DatabaseMetaData`  
    Gets a description of tables available in a catalog.

getTableTypes() - Method in interface `java.sql.DatabaseMetaData`  
    Gets the table types available in this database.

getTabPlacement() - Method in class `javax.swing.JTabbedPane`  
    Returns the placement of the tabs for this tabbedpane.

getTabRunCount() - Method in class `javax.swing.JTabbedPane`  
    Returns the number of tab runs currently used to display the tabs.

getTabRunCount(JTabbedPane) - Method in class `javax.swing.plaf.TabbedPaneUI`

getTabRunCount(JTabbedPane) - Method in class `javax.swing.plaf.basic.BasicTabbedPaneUI`

getTabRunCount(JTabbedPane) - Method in class `javax.swing.plaf.multi.MultiTabbedPaneUI`  
    Call `getTabRunCount` on each UI handled by this `MultiUI`.

getTabRunIndent(int, int) - Method in class `javax.swing.plaf.basic.BasicTabbedPaneUI`

getTabRunOffset(int, int, int, boolean) - Method in class `javax.swing.plaf.basic.BasicTabbedPaneUI`

getTabRunOverlay(int) - Method in class `javax.swing.plaf.basic.BasicTabbedPaneUI`

getTabRunOverlay(int) - Method in class `javax.swing.plaf.metal.MetalTabbedPaneUI`

getTabSet() - Method in class `javax.swing.text.ParagraphView`  
    Gets the Tabset to be used in calculating tabs.

getTabSet(AttributeSet) - Static method in class `javax.swing.text.StyleConstants`  
    Gets the TabSet.

getTabSize() - Method in class `javax.swing.JTextArea`  
    Gets the number of characters used to expand tabs.

getTabSize() - Method in class `javax.swing.text.PlainView`  
    Returns the tab size set for the document, defaulting to 8.

getTabSize() - Method in class `javax.swing.text.WrappedPlainView`  
    Returns the tab size set for the document, defaulting to 8.

getTag() - Method in class `javax.swing.text.html.HTMLDocument.Iterator`

Type of tag this iterator represents.

getTag(String) - Static method in class javax.swing.text.html.HTML  
Fetch a tag constant for a well-known tag name (i.e.

getTags() - Method in interface java.beans.PropertyEditor  
If the property value must be one of a set of known tagged values, then this method should return an array of the tags.

getTags() - Method in class java.beans.PropertyEditorSupport  
If the property value must be one of a set of known tagged values, then this method should return an array of the tag values.

getTarget() - Method in class javax.accessibility.AccessibleRelation  
Returns the target objects for this relation

getTarget() - Method in interface javax.rmi.CORBA.Tie  
Returns the target for this tie.

getTarget() - Method in class javax.swing.text.html.HTMLFrameHyperlinkEvent  
returns the target for the link.

getTargetActions() - Method in class java.awt.dnd.DropTargetContext  
This method returns an int representing the current actions this DropTarget will accept.

getTargetActions() - Method in class java.awt.dnd.DragSourceDragEvent  
This method returns the logical intersection of the current target, source, and user actions.

getTargetEncodings() - Method in class javax.sound.sampled.spi.FormatConversionProvider  
Obtains the set of target format encodings to which format conversion services are provided by this provider.

getTargetEncodings(AudioFormat.Encoding) - Static method in class javax.sound.sampled.AudioSystem  
Obtains the encodings that the system can obtain from an audio input stream with the specified encoding using the set of installed format converters.

getTargetEncodings(AudioFormat) - Static method in class javax.sound.sampled.AudioSystem  
Obtains the encodings that the system can obtain from an audio input stream with the specified format using the set of installed format converters.

getTargetEncodings(AudioFormat) - Method in class javax.sound.sampled.spi.FormatConversionProvider  
Obtains the set of target format encodings supported by the format converter given a particular source format.

getTargetException() - Method in class java.lang.reflect.InvocationTargetException  
Get the thrown target exception.

getTargetFormats(AudioFormat.Encoding, AudioFormat) - Static method in class javax.sound.sampled.AudioSystem  
Obtains the formats that have a particular encoding and that the system can obtain from a stream of the specified format using the set of installed format converters.

getTargetFormats(AudioFormat.Encoding, AudioFormat) - Method in class javax.sound.sampled.spi.FormatConversionProvider  
Obtains the set of target formats with the encoding specified supported by the format converter. If no target formats with the specified encoding are supported for this source format, an array of length 0 is returned.

getTargetLineInfo() - Method in interface javax.sound.sampled.Mixer  
Obtains information about the set of target lines supported by this mixer.

getTargetLineInfo(Line.Info) - Method in interface javax.sound.sampled.Mixer  
Obtains information about target lines of a particular type supported by the mixer.

getTargetLineInfo(Line.Info) - Static method in class javax.sound.sampled.AudioSystem  
Obtains information about target lines of a particular type that are supported by any installed mixer.

getTargetLines() - Method in interface javax.sound.sampled.Mixer  
Obtains the set of all target lines currently open from this mixer.

getTBSCertificate() - Method in class java.security.cert.X509Certificate  
Gets the DER-encoded certificate information, the tbsCertificate from this certificate.

getTBSCertList() - Method in class java.security.cert.X509CRL  
Gets the DER-encoded CRL information, the tbsCertList from this CRL.

getTcpNoDelay() - Method in class java.net.Socket  
Tests if TCP\_NODELAY is enabled.

[getTempoFactor\(\)](#) - Method in interface javax.sound.midi.Sequencer  
    Returns the current tempo factor for the sequencer.

[getTempoInBPM\(\)](#) - Method in interface javax.sound.midi.Sequencer  
    Obtains the current tempo, expressed in beats per minute.

[getTempoInMPO\(\)](#) - Method in interface javax.sound.midi.Sequencer  
    Obtains the current tempo, expressed in microseconds per quarter note.

[getText\(\)](#) - Method in class java.awt.TextComponent  
    Gets the text that is presented by this text component.

[getText\(\)](#) - Method in class java.awt.Label  
    Gets the text of this label.

[getText\(\)](#) - Method in class java.awt.event.InputMethodEvent  
    Gets the combined committed and composed text.

[getText\(\)](#) - Method in class java.text.BreakIterator  
    Get the text being scanned

[getText\(\)](#) - Method in class javax.swing.JEditorPane  
    Returns the text contained in this TextComponent in terms of the content type of this editor.

[getText\(\)](#) - Method in class javax.swing.AbstractButton  
    Returns the button's text.

[getText\(\)](#) - Method in class javax.swing.JPasswordField  
    Deprecated. As of Java 2 platform v1.2, replaced by getPassword().

[getText\(\)](#) - Method in class javax.swing.JLabel  
    Returns the text string that the label displays.

[getText\(\)](#) - Method in class javax.swing.text.JTextComponent  
    Returns the text contained in this TextComponent.

[getText\(Element\)](#) - Method in class javax.swing.text.AbstractWriter  
    Returns the text associated with the element.

[getText\(int, int\)](#) - Method in class javax.swing.JPasswordField  
    Deprecated. As of Java 2 platform v1.2, replaced by getPassword().

[getText\(int, int\)](#) - Method in class javax.swing.text.JTextComponent  
    Fetches a portion of the text represented by the component.

[getText\(int, int\)](#) - Method in interface javax.swing.text.Document  
    Fetches the text contained within the given portion of the document.

[getText\(int, int\)](#) - Method in class javax.swing.text.GlyphView  
    Fetch a reference to the text that occupies the given range.

[getText\(int, int\)](#) - Method in class javax.swing.text.AbstractDocument  
    Gets a sequence of text from the document.

[getText\(int, int, Segment\)](#) - Method in interface javax.swing.text.Document  
    Fetches the text contained within the given portion of the document.

[getText\(int, int, Segment\)](#) - Method in class javax.swing.text.AbstractDocument  
    Gets some text from the document potentially without making a copy.

[getTextBorder\(\)](#) - Static method in class javax.swing.plaf.metal.MetalBorders  
    Returns a border instance for a text component

[getTextComponent\(ActionEvent\)](#) - Method in class javax.swing.text.TextAction  
    Determines the component to use for the action.

[getTextFieldBorder\(\)](#) - Static method in class javax.swing.plaf.basic.BasicBorders

[getTextFieldBorder\(\)](#) - Static method in class javax.swing.plaf.metal.MetalBorders  
    Returns a border instance for a JTextField

[getTextHighlightColor\(\)](#) - Static method in class javax.swing.plaf.metal.MetalLookAndFeel

[getTextHighlightColor\(\)](#) - Method in class javax.swing.plaf.metal.MetalTheme

[getTextLocation\(TextHitInfo\)](#) - Method in interface java.awt.im.InputMethodRequests  
    Gets the location of a specified offset in the current composed text, or of the selection in committed text.

[getTextNonSelectionColor\(\)](#) - Method in class javax.swing.tree.DefaultTreeCellRenderer  
    Returns the color the text is drawn with when the node isn't selected.

getTextPlainUnicodeFlavor() - Static method in class `java.awt.datatransfer.DataFlavor`

getTextSelectionColor() - Method in class `javax.swing.tree.DefaultTreeCellRenderer`  
Returns the color the text is drawn with when the node is selected.

getTextShiftOffset() - Method in class `javax.swing.plaf.basic.BasicButtonUI`

getThickness() - Method in class `javax.swing.border.LineBorder`  
Returns the thickness of the border.

getThisUpdate() - Method in class `java.security.cert.X509CRL`  
Gets the thisUpdate date from the CRL.

getThreadGroup() - Method in class `java.lang.Thread`  
Returns the thread group to which this thread belongs.

getThreadGroup() - Method in class `java.lang.SecurityManager`  
Returns the thread group into which to instantiate any new thread being created at the time this is being called.

getThumbBounds() - Method in class `javax.swing.plaf.basic.BasicScrollBarUI`  
Return the current size/location of the thumb.

getThumbOverhang() - Method in class `javax.swing.plaf.metal.MetalSliderUI`  
Returns the amount that the thumb goes past the slide bar.

getThumbSize() - Method in class `javax.swing.plaf.basic.BasicSliderUI`

getThumbSize() - Method in class `javax.swing.plaf.metal.MetalSliderUI`

getTick() - Method in class `javax.sound.midi.MidiEvent`  
Obtains the time-stamp for the event, in MIDI ticks

getTickLength() - Method in class `javax.sound.midi.Sequence`  
Obtains the duration of this sequence, expressed in MIDI ticks.

getTickLength() - Method in interface `javax.sound.midi.Sequencer`  
Obtains the length of the current sequence, expressed in MIDI ticks.

getTickLength() - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
Gets the height of the tick area for horizontal sliders and the width of the tick area for vertical sliders.

getTickLength() - Method in class `javax.swing.plaf.metal.MetalSliderUI`  
Gets the height of the tick area for horizontal sliders and the width of the tick area for vertical sliders.

getTickPosition() - Method in interface `javax.sound.midi.Sequencer`  
Obtains the current position in the sequence, expressed in MIDI ticks.

getTie(Remote) - Static method in class `javax.rmi.CORBA.Util`  
Returns the tie (if any) for a given target object.

getTie(Remote) - Method in interface `javax.rmi.CORBA.UtilDelegate`  
Delegation call for `Util.getTie(java.rmi.Remote)`.

getTile(int, int) - Method in interface `java.awt.image.RenderedImage`  
Returns tile (tileX, tileY).

getTile(int, int) - Method in class `java.awt.image BufferedImage`  
Returns tile (tileX, tileY).

getTiledSizeRequirements(SizeRequirements[]) - Static method in class `javax.swing.SizeRequirements`  
Determines the total space necessary to place a set of components end-to-end.

getTileGridXOffset() - Method in interface `java.awt.image.RenderedImage`  
Returns the X offset of the tile grid relative to the origin, i.e., the X coordinate of the upper-left pixel of tile (0, 0).

getTileGridXOffset() - Method in class `java.awt.image.BufferedImage`  
Returns the x offset of the tile grid relative to the origin, For example, the x coordinate of the location of tile (0, 0).

getTileGridYOffset() - Method in interface `java.awt.image.RenderedImage`  
Returns the Y offset of the tile grid relative to the origin, i.e., the Y coordinate of the upper-left pixel of tile (0, 0).

getTileGridYOffset() - Method in class `java.awt.image.BufferedImage`

Returns the y offset of the tile grid relative to the origin. For example, the y coordinate of the location of tile (0, 0).

getTileHeight() - Method in interface `java.awt.image.RenderedImage`  
Returns the tile height in pixels.

getTileHeight() - Method in class `java.awt.image BufferedImage`  
Returns the tile height in pixels.

getTileIcon() - Method in class `javax.swing.border.MatteBorder`  
Returns the icon used for tiling the border or null if a solid color is being used.

getTileWidth() - Method in interface `java.awt.image.RenderedImage`  
Returns the tile width in pixels.

getTileWidth() - Method in class `java.awt.image.BufferedImage`  
Returns the tile width in pixels.

getTime() - Method in class `java.util.Date`  
Returns the number of milliseconds since January 1, 1970, 00:00:00 GMT represented by this Date object.

getTime() - Method in class `java.util.Calendar`  
Gets this Calendar's current time.

getTime() - Method in class `java.util.zip.ZipEntry`  
Returns the modification time of the entry, or -1 if not specified.

getTime(int) - Method in interface `java.sql.CallableStatement`  
Get the value of a JDBC TIME parameter as a `java.sql.Time` object.

getTime(int) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Time` object in the Java programming language.

getTime(int, Calendar) - Method in interface `java.sql.CallableStatement`  
Gets the value of a JDBC TIME parameter as a `java.sql.Time` object, using the given `Calendar` object to construct the time.

getTime(int, Calendar) - Method in interface `java.sql.ResultSet`  
Returns the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Time` object in the Java programming language.

getTime(String) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Time` object in the Java programming language.

getTime(String, Calendar) - Method in interface `java.sql.ResultSet`  
Returns the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Time` object in the Java programming language.

getTimeDateFunctions() - Method in interface `java.sql.DatabaseMetaData`  
Gets a comma-separated list of time and date functions.

getTimeInMillis() - Method in class `java.util.Calendar`  
Gets this Calendar's current time as a long.

getTimeInstance() - Static method in class `java.text.SimpleDateFormat`  
Gets the time formatter with the default formatting style for the default locale.

getTimeInstance(int) - Static method in class `java.text.SimpleDateFormat`  
Gets the time formatter with the given formatting style for the default locale.

getTimeInstance(int, Locale) - Static method in class `java.text.SimpleDateFormat`  
Gets the time formatter with the given formatting style for the given locale.

getTimeLimit() - Method in class `javax.naming.directory.SearchControls`  
Retrieves the time limit of these `SearchControls` in milliseconds.

getTimestamp(int) - Method in interface `java.sql.CallableStatement`  
Gets the value of a JDBC TIMESTAMP parameter as a `java.sql.Timestamp` object.

getTimestamp(int) - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Timestamp` object in the Java programming language.

getTimestamp(int, Calendar) - Method in interface `java.sql.CallableStatement`  
Gets the value of a JDBC TIMESTAMP parameter as a `java.sql.Timestamp` object, using the given `Calendar` object to construct the `Timestamp` object.

getTimestamp(int, Calendar) - Method in interface `java.sql.ResultSet`

Returns the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Timestamp` object in the Java programming language.

**getTimestamp(String)** - Method in interface `java.sql.ResultSet`  
Gets the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Timestamp` object.

**getTimestamp(String, Calendar)** - Method in interface `java.sql.ResultSet`  
Returns the value of the designated column in the current row of this `ResultSet` object as a `java.sql.Timestamp` object in the Java programming language.

**getTimeToLive()** - Method in class `java.net.MulticastSocket`  
Get the default time-to-live for multicast packets sent out on the socket.

**getTimeToLive()** - Method in class `java.net.DatagramSocketImpl`  
Retrieve the TTL (time-to-live) option.

**getTimeZone()** - Method in class `java.text.DateFormat`  
Gets the time zone.

**getTimeZone()** - Method in class `java.util.Calendar`  
Gets the time zone.

**getTimeZone(String)** - Static method in class `java.util.TimeZone`  
Gets the `TimeZone` for the given ID.

**getTimezoneOffset()** - Method in class `java.util.Date`  
Deprecated. As of JDK version 1.1, replaced by `Calendar.get(Calendar.ZONE_OFFSET) + Calendar.get(Calendar.DST_OFFSET)`.

**getTipText()** - Method in class `javax.swing.JToolTip`  
Returns the text that is shown when the tool tip is displayed.

**getTitle()** - Method in class `java.awt.Dialog`  
Gets the title of the dialog.

**getTitle()** - Method in class `java.awt.Frame`  
Gets the title of the frame.

**getTitle()** - Method in class `javax.swing.JInternalFrame`  
Returns the title of the `JInternalFrame`.

**getTitle()** - Method in class `javax.swing.border.TitledBorder`  
Returns the title of the titled border.

**getTitleAt(int)** - Method in class `javax.swing.JTabbedPane`  
Returns the tab title at index.

**getTitleColor()** - Method in class `javax.swing.border.TitledBorder`  
Returns the title-color of the titled border.

**getTitleFont()** - Method in class `javax.swing.border.TitledBorder`  
Returns the title-font of the titled border.

**getTitleJustification()** - Method in class `javax.swing.border.TitledBorder`  
Returns the title-justification of the titled border.

**getTitlePosition()** - Method in class `javax.swing.border.TitledBorder`  
Returns the title-position of the titled border.

**getToggleButtonBorder()** - Static method in class `javax.swing.plaf.basic.BasicBorders`

**getToggleButtonBorder()** - Static method in class `javax.swing.plaf.metal.MetalBorders`  
Returns a border instance for a `JToggleButton`.

**getToggleClickCount()** - Method in class `javax.swing.JTree`  
Returns the number of mouse clicks needed to expand or close a node.

**getToIndex()** - Method in class `javax.swing.event.TableColumnModelEvent`  
Returns the toIndex.

**getTokenThreshold()** - Method in class `javax.swing.text.html.HTMLDocument`  
Gets the number of tokens to buffer before trying to update the documents element structure.

**getToolkit()** - Method in class `java.awt.Component`  
Gets the toolkit of this component.

**getToolkit()** - Method in class `java.awt.Window`  
Returns the toolkit of this frame.

**getToolTipLocation(MouseEvent)** - Method in class `javax.swing.JComponent`  
Returns the tooltip location in this component's coordinate system.

[getToolTipText\(\)](#) - Method in class javax.swing.JComponent  
    Returns the tooltip string that has been set with [setToolTipText\(\)](#).

[getToolTipText\(MouseEvent\)](#) - Method in class javax.swing.JComponent  
    Returns the string to be used as the tooltip for *event*.

[getToolTipText\(MouseEvent\)](#) - Method in class javax.swing.JTabbedPane  
    Returns the tooltip text for the component determined by the mouse event location.

[getToolTipText\(MouseEvent\)](#) - Method in class javax.swing.JTree  
    Overrides JComponent's [getToolTipText](#) method in order to allow renderer's tips to be used if it has text set.

[getToolTipText\(MouseEvent\)](#) - Method in class javax.swing.JTable  
    Overrides JComponent's [getToolTipText](#) method in order to allow the renderer's tips to be used if it has text set.

[getToolTipText\(MouseEvent\)](#) - Method in class javax.swing.table.JTableHeader  
    Allows the renderer's tips to be used if there is text set.

[getToolTipTextAt\(int\)](#) - Method in class javax.swing.JTabbedPane  
    Returns the tab tooltip text at index.

[getToPage\(\)](#) - Method in class java.awt.JobAttributes  
    Returns, for jobs using these attributes, the last page (inclusive) to be printed, if a range of pages is to be printed.

[getTopComponent\(\)](#) - Method in class javax.swing.JSplitPane  
    Returns the component above, or to the left of the divider.

[getTopInset\(\)](#) - Method in class javax.swing.text.CompositeView  
    Gets the top inset.

[getTopInset\(\)](#) - Method in class javax.swing.text.AsyncBoxView  
    Get the top part of the margin around the view.

[getTopLevelAncestor\(\)](#) - Method in class javax.swing.JComponent  
    Returns the top-level ancestor of this component (either the containing Window or Applet), or null if this component has not been added to any container.

[getTotalColumnWidth\(\)](#) - Method in class javax.swing.table.DefaultTableModel  
    Returns the total combined width of all columns.

[getTotalColumnWidth\(\)](#) - Method in interface javax.swing.table.TableColumnModel  
    Returns the total width of all the columns.

[getTotalIn\(\)](#) - Method in class java.util.zip.Deflater  
    Returns the total number of bytes input so far.

[getTotalIn\(\)](#) - Method in class java.util.zip.Inflater  
    Returns the total number of bytes input so far.

[getTotalOut\(\)](#) - Method in class java.util.zip.Deflater  
    Returns the total number of bytes output so far.

[getTotalOut\(\)](#) - Method in class java.util.zip.Inflater  
    Returns the total number of bytes output so far.

[getTrackBounds\(\)](#) - Method in class javax.swing.plaf.basic.BasicScrollBarUI  
    Return the current bounds of the track, i.e.

[getTrackLength\(\)](#) - Method in class javax.swing.plaf.metal.MetalSliderUI  
    Returns the longer dimension of the slide bar.

[getTrackMute\(int\)](#) - Method in interface javax.sound.midi.Sequencer  
    Obtains the current mute state for a track.

[getTracks\(\)](#) - Method in class javax.sound.midi.Sequence  
    Obtains an array containing all the tracks in this sequence.

[getTrackSolo\(int\)](#) - Method in interface javax.sound.midi.Sequencer  
    Obtains the current solo state for a track.

[getTrackWidth\(\)](#) - Method in class javax.swing.plaf.metal.MetalSliderUI  
    Returns the shorter dimension of the track.

[getTransactionIsolation\(\)](#) - Method in interface java.sql.Connection  
    Gets this Connection's current transaction isolation level.

[getTransferable\(\)](#) - Method in class java.awt.dnd.DropTargetContext  
    get the Transferable (proxy) operand of this operation

[getTransferable\(\)](#) - Method in class java.awt.dnd.DropTargetDropEvent

This method returns the Transferable object associated with the drop.

[getTransferable\(\)](#) - Method in class `java.awt.dnd.DragSourceContext`  
This method returns the Transferable associated with this DragSourceContext.

[getTransferData\(DataFlavor\)](#) - Method in interface `java.awt.datatransfer.Transferable`  
Returns an object which represents the data to be transferred.

[getTransferData\(DataFlavor\)](#) - Method in class `java.awt.datatransfer.StringSelection`  
Returns the Transferable's data in the requested DataFlavor if possible.

[getTransferData\(DataFlavor\)](#) - Method in class `java.awt.dnd.DropTargetContext.TransferableProxy`  
get the transfer data

[getTransferDataFlavors\(\)](#) - Method in interface `java.awt.datatransfer.Transferable`  
Returns an array of DataFlavor objects indicating the flavors the data can be provided in.

[getTransferDataFlavors\(\)](#) - Method in class `java.awt.datatransfer.StringSelection`  
Returns an array of flavors in which this Transferable can provide the data.

[getTransferDataFlavors\(\)](#) - Method in class `java.awt.dnd.DropTargetContext.TransferableProxy`  
get the flavors

[getTransferSize\(\)](#) - Method in class `java.sql.DataTruncation`  
Gets the number of bytes of data actually transferred.

[getTransferType\(\)](#) - Method in class `java.awt.image.SampleModel`  
Returns the TransferType used to transfer pixels via the `getDataElements` and `setDataElements` methods.

[getTransferType\(\)](#) - Method in class `java.awt.image.Raster`  
Returns the TransferType used to transfer pixels via the `getDataElements` and `setDataElements` methods.

[getTransferType\(\)](#) - Method in class `java.awt.image.ColorModel`  
Returns the transfer type of this ColorModel.

[getTransferType\(\)](#) - Method in class `java.awt.image.MultiPixelPackedSampleModel`  
Returns the TransferType used to transfer pixels by way of the `getDataElements` and `setDataElements` methods.

[getTransform\(\)](#) - Method in class `java.awt.Graphics2D`  
Returns a copy of the current Transform in the Graphics2D context.

[getTransform\(\)](#) - Method in class `java.awt.Font`  
Returns a copy of the transform associated with this Font.

[getTransform\(\)](#) - Method in class `java.awt.font.TransformAttribute`  
Returns a copy of the wrapped transform.

[getTransform\(\)](#) - Method in class `java.awt.font.FontRenderContext`  
Gets the transform that is used to scale typographical points to pixels in this FontRenderContext.

[getTransform\(\)](#) - Method in class `java.awt.image.AffineTransformOp`  
Returns the affine transform used by this transform operation.

[getTransform\(\)](#) - Method in class `java.awt.image.renderable.RenderContext`  
Gets the current user-to-device AffineTransform.

[getTranslateInstance\(double, double\)](#) - Static method in class `java.awt.geom.AffineTransform`  
Returns a transform representing a translation transformation.

[getTranslateX\(\)](#) - Method in class `java.awt.geom.AffineTransform`  
Returns the X coordinate of the translation element (`m02`) of the 3x3 affine transformation matrix.

[getTranslateY\(\)](#) - Method in class `java.awt.geom.AffineTransform`  
Returns the Y coordinate of the translation element (`m12`) of the 3x3 affine transformation matrix.

[getTransmitter\(\)](#) - Static method in class `javax.sound.midi.MidiSystem`  
Obtains a MIDI transmitter from an external MIDI port or other default source.

[getTransmitter\(\)](#) - Method in interface `javax.sound.midi.MidiDevice`  
Obtains a MIDI OUT connection from which the MIDI device will transmit MIDI data. The returned transmitter must be closed when the application has finished using it.

[getTransparency\(\)](#) - Method in class `java.awt.TexturePaint`  
Returns the transparency mode for this TexturePaint.

[getTransparency\(\)](#) - Method in interface `java.awt.Transparency`

Returns the type of this Transparency.

getTransparency() - Method in class `java.awt.GradientPaint`  
Returns the transparency mode for this GradientPaint.

getTransparency() - Method in class `java.awt.Color`  
Returns the transparency mode for this Color.

getTransparency() - Method in class `java.awt.image.ColorModel`  
Returns the transparency.

getTransparency() - Method in class `java.awt.image.IndexColorModel`  
Returns the transparency.

getTransparentPixel() - Method in class `java.awt.image.IndexColorModel`  
Returns the index of the transparent pixel in this IndexColorModel or -1 if there is no transparent pixel.

getTRC() - Method in class `java.awt.color.ICC_ProfileGray`  
Returns the TRC as an array of shorts.

getTRC(int) - Method in class `java.awt.color.ICC_ProfileRGB`  
Returns the TRC for a particular component as an array of shorts.

getTreeCellEditorComponent(JTree, Object, boolean, boolean, boolean, int) - Method in class `javax.swing.DefaultCellEditor`

getTreeCellEditorComponent(JTree, Object, boolean, boolean, boolean, int) - Method in interface `javax.swing.tree.TreeCellEditor`  
Sets an initial *value* for the editor.

getTreeCellEditorComponent(JTree, Object, boolean, boolean, boolean, int) - Method in class `javax.swing.tree.DefaultTreeCellEditor`  
Configures the editor.

getTreeCellRendererComponent(JTree, Object, boolean, boolean, int, boolean) - Method in class `javax.swing.tree.DefaultTreeCellRenderer`  
Configures the renderer based on the passed in components.

getTreeCellRendererComponent(JTree, Object, boolean, boolean, int, boolean) - Method in interface `javax.swing.tree.TreeCellRenderer`  
Sets the value of the current tree cell to value.

getTreeComputerIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getTreeControlIcon(boolean) - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getTreeFloppyDriveIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getTreeFolderIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getTreeHardDriveIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getTreeLeafIcon() - Static method in class `javax.swing.plaf.metal.MetalIconFactory`

getTreeLock() - Method in class `java.awt.Component`  
Gets the locking object for AWT component-tree and layout Gets this component's locking object (the object that owns the thread synchronization monitor) for AWT component-tree and layout operations.

getTreeLock() - Method in class `java.awt.MenuComponent`  
Gets this component's locking object (the object that owns the thread synchronization monitor) for AWT component-tree and layout operations.

getTreePath() - Method in class `javax.swing.event.TreeModelEvent`  
For all events, except treeStructureChanged, returns the parent of the changed nodes.

getTrigger() - Method in class `java.awt.dnd.DragSourceContext`  
This method returns the DragGestureEvent that initially triggered the drag.

getTriggerEvent() - Method in class `java.awt.dnd.DragGestureRecognizer`  
This method returns the first event in the series of events that initiated the Drag and Drop operation.

[getTriggerEvent\(\)](#) - Method in class `java.awt.dnd.DragGestureEvent`  
This method returns the initial event that triggered the gesture.

[getTTL\(\)](#) - Method in class `java.net.MulticastSocket`  
Deprecated. use the `getTimeToLive` method instead, which returns an int instead of a byte.

[getTTL\(\)](#) - Method in class `java.net DatagramSocketImpl`  
Deprecated. use `getTimeToLive` instead.

[getType\(\)](#) - Method in class `java.awt.GraphicsDevice`  
Returns the type of this GraphicsDevice.

[getType\(\)](#) - Method in class `java.awt.Cursor`  
Returns the type for this cursor.

[getType\(\)](#) - Method in class `java.awt.color.ColorSpace`  
Returns the color space type of this ColorSpace (for example TYPE\_RGB, TYPE\_XYZ, ...).

[getType\(\)](#) - Method in class `java.awt.font.GlyphMetrics`  
Returns the raw glyph type code.

[getType\(\)](#) - Method in class `java.awt.geom.AffineTransform`  
Retrieves the flag bits describing the conversion properties of this transform.

[getType\(\)](#) - Method in class `java.awt.image BufferedImage`  
Returns the image type.

[getType\(\)](#) - Method in class `java.io.ObjectStreamField`  
Get the type of the field.

[getType\(\)](#) - Method in class `java.lang.reflect.Field`  
Returns a Class object that identifies the declared type for the field represented by this Field object.

[getType\(\)](#) - Method in class `java.security.KeyStore`  
Returns the type of this keystore.

[getType\(\)](#) - Method in class `java.security.cert.CertificateFactory`  
Returns the name of the certificate type associated with this certificate factory.

[getType\(\)](#) - Method in class `java.security.cert.Certificate`  
Returns the type of this certificate.

[getType\(\)](#) - Method in class `java.security.cert.CRL`  
Returns the type of this CRL.

[getType\(\)](#) - Method in interface `java.sql.ResultSet`  
Returns the type of this ResultSet object.

[getType\(\)](#) - Method in interface `javax.accessibility.AccessibleTableModelChange`  
Returns the type of event

[getType\(\)](#) - Method in class `javax.sound.sampled.Control`  
Obtains the control's type.

[getType\(\)](#) - Method in class `javax.sound.sampled.AudioFileFormat`  
Obtains the audio file type, such as WAVE or AU.

[getType\(\)](#) - Method in class `javax.sound.sampled.LineEvent`  
Obtains the event's type.

[getType\(\)](#) - Method in class `javax.sound.midi.MetaMessage`  
Obtains the type of the MetaMessage.

[getType\(\)](#) - Method in class `javax.sound.midi.MidiFileFormat`  
Obtains the MIDI file type.

[getType\(\)](#) - Method in class `javax.naming.RefAddr`  
Retrieves the address type of this address.

[getType\(\)](#) - Method in class `javax.naming.event.NamingEvent`  
Returns the type of this event.

[getType\(\)](#) - Method in class `javax.swing.JTable.AccessibleJTable.AccessibleJTableModelChange`  
  
[getType\(\)](#) - Method in interface `javax.swing.event.DocumentEvent`  
Gets the type of event.

[getType\(\)](#) - Method in class `javax.swing.event.TableModelEvent`  
Returns the type of event - one of: INSERT, UPDATE and DELETE.

[getType\(\)](#) - Method in class `javax.swing.event.ListDataEvent`  
Returns the event type.

[getType\(\)](#) - Method in class javax.swing.text.AbstractDocument.DefaultDocumentEvent  
    Returns the type of event.

[getType\(\)](#) - Method in class javax.swing.text.DefaultStyledDocument.ElementSpec  
    Gets the element type.

[getType\(\)](#) - Method in class javax.swing.text.html.parser.AttributeList

[getType\(\)](#) - Method in class javax.swing.text.html.parser.Element  
    Get type.

[getType\(\)](#) - Method in class javax.swing.text.html.parser.Entity  
    Get the type of the entity.

[getType\(char\)](#) - Static method in class java.lang.Character  
    Returns a value indicating a character category.

[getTypeCode\(\)](#) - Method in class java.io.ObjectStreamField  
    Returns character encoding of field type.

[getTypeDescription\(File\)](#) - Method in class javax.swing.JFileChooser  
    Returns the file type.

[getTypeDescription\(File\)](#) - Method in class javax.swing.filechooser.FileView  
    A human readable description of the type of the file.

[getTypeDescription\(File\)](#) - Method in class javax.swing.plaf.basic.BasicFileChooserUI.BasicFileView

[getTypeInfo\(\)](#) - Method in interface java.sql.DatabaseMetaData  
    Gets a description of all the standard SQL types supported by this database.

[getTypeMap\(\)](#) - Method in interface java.sql.Connection  
    Gets the type map object associated with this connection.

[getTypeString\(\)](#) - Method in class java.io.ObjectStreamField  
    Return the JVM type signature.

[getUDTs\(String, String, int\[\]\)](#) - Method in interface java.sql.DatabaseMetaData  
    Gets a description of the user-defined types defined in a particular schema.

[getUI\(\)](#) - Method in class javax.swing.JViewport  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JTabbedPane  
    Returns the UI object which implements the L&F for this component.

[getUI\(\)](#) - Method in class javax.swing.AbstractButton  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JOptionPane  
    Returns the UI object which implements the L&F for this component.

[getUI\(\)](#) - Method in class javax.swing.JColorChooser  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JPopupMenu  
    Returns the look and feel (L&F) object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JSeparator  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JComboBox  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JList  
    Returns the look and feel (L&F) object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JToolTip  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JInternalFrame  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JInternalFrame.JDesktopIcon  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JSplitPane  
    Returns the SplitPaneUI that is providing the current look and feel.

[getUI\(\)](#) - Method in class javax.swing.JTree  
    Returns the L&F object that renders this component.

[getUI\(\)](#) - Method in class javax.swing.JTable

Returns the L&F object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.JLabel  
Returns the L&F object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.JFileChooser  
Gets the UI object which implements the L&F for this component.  
[getUI\(\)](#) - Method in class javax.swing.JDesktopPane  
Returns the L&F object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.JToolBar  
Returns the toolbar's current UI.  
[getUI\(\)](#) - Method in class javax.swing.JMenuBar  
Returns the menubar's current UI.  
[getUI\(\)](#) - Method in class javax.swing.JScrollPane  
Returns the look and feel (L&F) object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.JScrollBar  
Returns the delegate that implements the look and feel for this component.  
[getUI\(\)](#) - Method in class javax.swing.JProgressBar  
Returns the L&F object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.JRootPane  
Returns the L&F object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.JSlider  
Gets the UI object which implements the L&F for this component.  
[getUI\(\)](#) - Method in class javax.swing.table.JTableHeader  
Returns the look and feel (L&F) object that renders this component.  
[getUI\(\)](#) - Method in class javax.swing.text.JTextComponent  
Fetches the user-interface factory for this text-oriented editor.  
[getUI\(JComponent\)](#) - Method in class javax.swing.UIDefaults  
Creates an ComponentUI implementation for the specified component.  
[getUI\(JComponent\)](#) - Static method in class javax.swing.UIManager  
Returns the L&F object that renders the target component.  
[getUIActionMap\(JComponent\)](#) - Static method in class javax.swing.SwingUtilities  
Returns the ActionMap provided by the UI in component component.  
[getUIClass\(String\)](#) - Method in class javax.swing.UIDefaults  
Returns the L&F class that renders this component.  
[getUIClass\(String, ClassLoader\)](#) - Method in class javax.swing.UIDefaults  
The value of get(uidClassID) must be the String name of a class that implements the corresponding ComponentUI class.  
[getUIClassID\(\)](#) - Method in class javax.swing.JComponent  
Returns the UIDefaults key used to look up the name of the swing.plaf.ComponentUI class that defines the look and feel for this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JEditorPane  
Gets the class ID for the UI.  
[getUIClassID\(\)](#) - Method in class javax.swing.JTextPane  
Returns the class ID for the UI.  
[getUIClassID\(\)](#) - Method in class javax.swing.JViewport  
Returns a string that specifies the name of the L&F class that renders this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JTabbedPane  
Returns the name of the UI class that implements the L&F for this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JMenuItem  
Returns the name of the L&F class that renders this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JCheckBoxMenuItem  
Returns the name of the L&F class that renders this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JToggleButton  
Returns a string that specifies the name of the l&f class that renders this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JCheckBox  
Returns a string that specifies the name of the L&F class that renders this component.  
[getUIClassID\(\)](#) - Method in class javax.swing.JTextField  
Gets the class ID for a UI.

getUIClassID() - Method in class javax.swing.JPasswordField  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JOptionPane  
    Returns the name of the UI class that implements the L&F for this component.

getUIClassID() - Method in class javax.swing.JMenu  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JColorChooser  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JButton  
    Returns a string that specifies the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JPopupMenu  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JSeparator  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JPopupMenu.Separator  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JComboBox  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JList  
    Returns the suffix used to construct the name of the look and feel (L&F) class used to render this component.

getUIClassID() - Method in class javax.swing.JToolTip  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JInternalFrame  
    Returns the name of the L&F class which renders this component.

getUIClassID() - Method in class javax.swing.JInternalFrame.JDesktopIcon  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JPanel  
    Returns a string that specifies the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JSplitPane  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JTree  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JTable  
    Returns the suffix used to construct the name of the L&F class used to render this component.

getUIClassID() - Method in class javax.swing.JLabel  
    Returns a string that specifies the name of the l&f class that renders this component.

getUIClassID() - Method in class javax.swing.JFileChooser  
    Returns a string that specifies the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JDesktopPane  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JRadioButton  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JToolBar  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JToolBar.Separator  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JMenuBar  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JRadioButtonMenuItem  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JTextArea  
    Returns the class ID for the UI.

getUIClassID() - Method in class javax.swing.JScrollPane  
    Returns the suffix used to construct the name of the L&F class used to render this component.

getUIClassID() - Method in class javax.swing.JScrollBar  
    Returns the name of the LookAndFeel class for this component.

getUIClassID() - Method in class javax.swing.JProgressBar  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.JRootPane  
    Returns a string that specifies the name of the l&f class that renders this component.

getUIClassID() - Method in class javax.swing.JSlider  
    Returns the name of the L&F class that renders this component.

getUIClassID() - Method in class javax.swing.table.JTableHeader  
    Returns the suffix used to construct the name of the look and feel (L&F) class used to render this component.

getUIError(String) - Method in class javax.swing.UIDefaults  
    If getUI() fails for any reason, it calls this method before returning null.

getUIInputMap(JComponent, int) - Static method in class javax.swing.SwingUtilities  
    Returns the InputMap provided by the UI for condition condition in component component.

getUIs() - Method in class javax.swing.plaf.multi.MultiListUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiSeparatorUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiLabelUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiPopupMenuUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiPanelUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiScrollBarUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiTextUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiComboBoxUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiTableHeaderUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiFileChooserUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiColorChooserUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiTreeUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiViewportUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiTabbedPaneUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiProgressBarUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiScrollPaneUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiOptionPaneUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiSplitPaneUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiButtonUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiToolBarUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiSliderUI  
    Return the list of UI's associated with this multiplexing UI.

getUIs() - Method in class javax.swing.plaf.multi.MultiDesktopPaneUI  
    Return the list of UI's associated with this multiplexing UI.

[getUIs\(\)](#) - Method in class javax.swing.plaf.multi.[MultiTableUI](#)  
     Return the list of UI's associated with this multiplexing UI.

[getUIs\(\)](#) - Method in class javax.swing.plaf.multi.[MultiDesktopIconUI](#)  
     Return the list of UI's associated with this multiplexing UI.

[getUIs\(\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuItemUI](#)  
     Return the list of UI's associated with this multiplexing UI.

[getUIs\(\)](#) - Method in class javax.swing.plaf.multi.[MultiInternalFrameUI](#)  
     Return the list of UI's associated with this multiplexing UI.

[getUIs\(\)](#) - Method in class javax.swing.plaf.multi.[MultiToolTipUI](#)  
     Return the list of UI's associated with this multiplexing UI.

[getUIs\(\)](#) - Method in class javax.swing.plaf.multi.[MultiMenuBarUI](#)  
     Return the list of UI's associated with this multiplexing UI.

[getUndeclaredThrowable\(\)](#) - Method in class java.lang.reflect.[UndeclaredThrowableException](#)  
     Returns the Throwable instance wrapped in this UndeclaredThrowableException.

[getUnderlineOffset\(\)](#) - Method in class java.awt.font.[LineMetrics](#)  
     Returns the position of the underline relative to the baseline.

[getUnderlineThickness\(\)](#) - Method in class java.awt.font.[LineMetrics](#)  
     Returns the thickness of the underline.

[getUndoOrRedoPresentationName\(\)](#) - Method in class javax.swing.undo.[UndoManager](#)  
     Return the appropriate name for a command that toggles between undo and redo.

[getUndoPresentationName\(\)](#) - Method in class javax.swing.text.[AbstractDocument.DefaultDocumentEvent](#)  
     Provides a localized, human readable description of the undoable form of this edit, e.g.

[getUndoPresentationName\(\)](#) - Method in class javax.swing.undo.[AbstractUndoableEdit](#)  
     If getPresentationName() returns "", returns AbstractUndoableEdit.UndoName.

[getUndoPresentationName\(\)](#) - Method in class javax.swing.undo.[CompoundEdit](#)  
     Returns getUndoPresentationName from the last UndoableEdit added to edits.

[getUndoPresentationName\(\)](#) - Method in class javax.swing.undo.[UndoManager](#)  
     If inProgress, returns getUndoPresentationName of the significant edit that will be undone when undo() is invoked.

[getUndoPresentationName\(\)](#) - Method in interface javax.swing.undo.[UndoableEdit](#)  
     Provide a localized, human readable description of the undoable form of this edit, e.g.

[getUnexecutedModifications\(\)](#) - Method in class javax.naming.directory.[AttributeModificationException](#)  
     Retrieves the unexecuted modification list.

[getUnicodeStream\(int\)](#) - Method in interface java.sql.[ResultSet](#)  
     Deprecated. use *getCharacterStream* in place of *getUnicodeStream*

[getUnicodeStream\(String\)](#) - Method in interface java.sql.[ResultSet](#)  
     Deprecated.

[getUnitIncrement\(\)](#) - Method in class java.awt.Scrollbar  
     Gets the unit increment for this scrollbar.

[getUnitIncrement\(\)](#) - Method in interface java.awt.Adjustable  
     Gets the unit value increment for the adjustable object.

[getUnitIncrement\(\)](#) - Method in class javax.swing.JScrollBar  
     For backwards compatibility with java.awt.Scrollbar.

[getUnitIncrement\(int\)](#) - Method in class javax.swing.JScrollBar  
     Returns the amount to change the scrollbar's value by, given a unit up/down request.

[getUnitIncrement\(int\)](#) - Method in class javax.swing.JScrollPane.ScrollBar  
     Computes the unit increment for scrolling if the viewport's view is a Scrollable object.

[getUnits\(\)](#) - Method in class javax.sound.sampled.FloatingControl  
     Obtains the label for the units in which the control's values are expressed, such as "dB" or "frames per second."

[getUnnormalizedComponents\(float\[\], int, int\[\], int\)](#) - Method in class java.awt.image.[ColorModel](#)  
     Returns an array of all of the color/alpha components in unnormalized form, given a normalized component array.

[getUpdateAction\(\)](#) - Method in class javax.swing.plaf.basic.[BasicFileChooserUI](#)

[getUpdateCount\(\)](#) - Method in interface java.sql.Statement  
     Returns the current result as an update count; if the result is a ResultSet object or there

are no more results, -1 is returned.

[getUpdateCounts\(\)](#) - Method in class `java.sql.BatchUpdateException`  
Retrieves the update count for each update statement in the batch update that executed successfully before this exception occurred.

[getUpdateLevel\(\)](#) - Method in class `javax.swing.undo.UndoableEditSupport`  
Returns the update level value.

[getUpdatePeriod\(\)](#) - Method in class `javax.sound.sampled.FloatControl`  
Obtains the smallest time interval, in microseconds, over which the control's value can change during a shift.

[getUpdateRect\(\)](#) - Method in class `java.awt.event.PaintEvent`  
Returns the rectangle representing the area which needs to be repainted in response to this event.

[getUpdateTableInRealTime\(\)](#) - Method in class `javax.swing.table.JTableHeader`  
Obsolete as of Java 2 platform v1.3.

[getURL\(\)](#) - Method in class `java.net.URLConnection`  
Returns the value of this `URLConnection`'s URL field.

[getURL\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's the url for this database?

[getURL\(\)](#) - Method in class `javax.swing.event.HyperlinkEvent`  
Gets the URL that the link refers to.

[getURLOnContext\(String, Hashtable\)](#) - Static method in class `javax.naming.spi.NamingManager`  
Creates a context for the given URL scheme id.

[getURLOrDefaultInitCtx\(Name\)](#) - Method in class `javax.naming.InitialContext`  
Retrieves a context for resolving name.

[getURLOrDefaultInitCtx\(String\)](#) - Method in class `javax.naming.InitialContext`  
Retrieves a context for resolving the string name name.

[getURLs\(\)](#) - Method in class `java.net.URLClassLoader`  
Returns the search path of URLs for loading classes and resources.

[getUseCaches\(\)](#) - Method in class `java.netURLConnection`  
Returns the value of this `URLConnection`'s useCaches field.

[getUserAction\(\)](#) - Method in class `java.awt.dnd.DragSourceDragEvent`  
This method returns an int representing the user's currently selected drop action.

[getUserInfo\(\)](#) - Method in class `java.net.URL`  
Returns the userInfo part of this URL.

[getUserName\(\)](#) - Method in class `java.awt.print.PrinterJob`  
Gets the name of the printing user.

[getUserName\(\)](#) - Method in class `java.net.PasswordAuthentication`  
Returns the user name.

[getUserName\(\)](#) - Method in interface `java.sql.DatabaseMetaData`  
What's our user name as known to the database?

[getUserObject\(\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns this node's user object.

[getUserObjectPath\(\)](#) - Method in class `javax.swing.tree.DefaultMutableTreeNode`  
Returns the user object path, from the root, to get to this node.

[getUserTextColor\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getUserTextColor\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

[getUserTextFont\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getUserTextFont\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

[getUserTextFont\(\)](#) - Method in class `javax.swing.plaf.metal.DefaultMetalTheme`

[getVAdjustable\(\)](#) - Method in class `java.awt.ScrollPane`  
Returns the Adjustable object which represents the state of the vertical scrollbar.

[getValidPixels\(\)](#) - Method in class `java.awt.image.IndexColorModel`

Returns a BigInteger that indicates the valid/invalid pixels in the colormap.

getValue() - Method in class java.awt.Scrollbar

Gets the current value of this scroll bar.

getValue() - Method in interface java.awt.Adjustable

Gets the current value of the adjustable object.

getValue() - Method in class java.awt.event.AdjustmentEvent

Returns the current value in the adjustment event.

getValue() - Method in interface java.beans.PropertyEditor

Gets the property value.

getValue() - Method in class java.beans.PropertyEditorSupport

Gets the value of the property.

getValue() - Method in class java.rmi.dgc.Lease

Returns the lease duration.

getValue() - Method in class java.text.Annotation

Returns the value of the attribute, which may be null.

getValue() - Method in interface java.util.Map.Entry

Returns the value corresponding to this entry.

getValue() - Method in class java.util.zip.Adler32

Returns checksum value.

getValue() - Method in interface java.util.zip.Checksum

Returns the current checksum value.

getValue() - Method in class java.util.zip.CRC32

Returns CRC-32 value.

getValue() - Method in class javax.sound.sampled.EnumControl

Obtains this control's current value.

getValue() - Method in class javax.sound.sampled.FloatControl

Obtains this control's current value.

getValue() - Method in class javax.sound.sampled.BooleanControl

Obtains this control's current value.

getValue() - Method in class javax.swing.DefaultBoundedRangeModel

Return the model's current value.

getValue() - Method in class javax.swing.JOptionPane

Returns the value the user has selected.

getValue() - Method in interface javax.swing.BoundedRangeModel

Returns the model's current value.

getValue() - Method in class javax.swing.JScrollBar

Returns the scrollbar's value.

getValue() - Method in class javax.swing.JProgressBar

Returns the model's current value.

getValue() - Method in class javax.swing.JSlider

Returns the sliders value.

getValue() - Method in class javax.swing.text.html.Option

Convenience method to return the string associated with the value attribute.

getValue() - Method in class javax.swing.text.html.parser.AttributeList

getValue(Attributes.Name) - Method in class java.util.jar.Attributes

Returns the value of the specified Attributes.Name, or null if the attribute was not found.

getValue(String) - Method in class java.beans.FeatureDescriptor

Retrieve a named attribute with this feature.

getValue(String) - Method in class java.util.jar.Attributes

Returns the value of the specified attribute name, specified as a string, or null if the attribute was not found.

getValue(String) - Method in interface javax.swing.Action

Gets one of this object's properties using the associated key.

getValue(String) - Method in class javax.swing.AbstractAction

Gets the Object associated with the specified key.

getValueAt(int, int) - Method in class javax.swing.JTable

Returns the cell value at row and column.

getValueAt(int, int) - Method in class javax.swing.table.DefaultTableModel  
Returns an attribute value for the cell at row and column.

getValueAt(int, int) - Method in interface javax.swing.table.TableModel  
Returns the value for the cell at columnIndex and rowIndex.

getValueIsAdjusting() - Method in class javax.swing.DefaultBoundedRangeModel  
Returns true if the value is in the process of changing as a result of actions being taken by the user.

getValueIsAdjusting() - Method in class javax.swing.DefaultListSelectionModel

getValueIsAdjusting() - Method in class javax.swing.JList  
Returns the value of the data model's isAdjusting property.

getValueIsAdjusting() - Method in interface javax.swing.ListSelectionModel  
Returns true if the value is undergoing a series of changes.

getValueIsAdjusting() - Method in interface javax.swing.BoundedRangeModel  
Returns true if the current changes to the value property are part of a series of changes.

getValueIsAdjusting() - Method in class javax.swing.JScrollBar  
True if the scrollbar knob is being dragged.

getValueIsAdjusting() - Method in class javax.swing.JSlider  
True if the slider knob is being dragged.

getValueIsAdjusting() - Method in class javax.swing.event.ListSelectionEvent  
Returns true if this is one of multiple change events.

getValues() - Method in class javax.sound.sampled.EnumControl  
Returns the set of possible values for this control.

getValues() - Method in class javax.swing.text.html.parser.AttributeList

getVariant() - Method in class java.util.Locale  
Returns the variant code for this locale.

getVariation() - Method in class java.awt.im.InputMethodHighlight  
Returns the variation of the text range.

getVendor() - Method in class javax.sound.sampled.Mixer.Info  
Obtains the vendor of the mixer.

getVendor() - Method in interface javax.sound.midi.Soundbank  
Obtains a string naming the company that provides the sound bank

getVendor() - Method in class javax.sound.midi.MidiDevice.Info  
Obtains the name of the company who supplies the device.

getVerifyInputWhenFocusTarget() - Method in class javax.swing.JComponent  
Get the value that indicates whether the input verifier for the current focus owner will be called before this component requests focus.

getVersion() - Method in interface java.awt.font.OpenType  
Returns the version of the OpenType font.

getVersion() - Method in class java.security.Provider  
Returns the version number for this provider.

getVersion() - Method in class java.security.cert.X509Certificate  
Gets the version (version number) value from the certificate.

getVersion() - Method in class java.security.cert.X509CRL  
Gets the version (version number) value from the CRL.

getVersion() - Method in class javax.sound.sampled.Mixer.Info  
Obtains the version of the mixer.

getVersion() - Method in interface javax.sound.midi.Soundbank  
Obtains the version string for the sound bank.

getVersion() - Method in class javax.sound.midi.MidiDevice.Info  
Obtains the version of the device.

getVersionColumns(String, String, String) - Method in interface java.sql.DatabaseMetaData  
Gets a description of a table's columns that are automatically updated when any value in a row is updated.

getVerticalAlignment() - Method in class javax.swing.AbstractButton

Returns the vertical alignment of the text and icon.  
[getVerticalAlignment\(\)](#) - Method in class javax.swing.JLabel  
Returns the alignment of the label's contents along the Y axis.  
[getVerticalLegBuffer\(\)](#) - Method in class javax.swing.plaf.basic.BasicTreeUI  
The vertical element of legs between nodes starts at the bottom of the parent node by default.  
[getVerticalScrollBar\(\)](#) - Method in class javax.swing.ScrollPaneLayout  
Returns the JScrollPane object that handles vertical scrolling.  
[getVerticalScrollBar\(\)](#) - Method in class javax.swing.JScrollPane  
Returns the vertical scroll bar that controls the viewports vertical view position.  
[getVerticalScrollBarPolicy\(\)](#) - Method in class javax.swing.ScrollPaneLayout  
Returns the vertical scrollbar-display policy.  
[getVerticalScrollBarPolicy\(\)](#) - Method in class javax.swing.JScrollPane  
Returns the vertical scroll bar policy value.  
[getVerticalSliderThumbIcon\(\)](#) - Static method in class javax.swing.plaf.metal.MetalIconFactory

[getVerticalTextPosition\(\)](#) - Method in class javax.swing.AbstractButton  
Returns the vertical position of the text relative to the icon.  
[getVerticalTextPosition\(\)](#) - Method in class javax.swing.JLabel  
Returns the vertical position of the label's text, relative to its image.  
[getVgap\(\)](#) - Method in class java.awt.CardLayout  
Gets the vertical gap between components.  
[getVgap\(\)](#) - Method in class java.awt.GridLayout  
Gets the vertical gap between components.  
[getVgap\(\)](#) - Method in class java.awt.BorderLayout  
Returns the vertical gap between components.  
[getVgap\(\)](#) - Method in class java.awt.FlowLayout  
Gets the vertical gap between components.  
[getView\(\)](#) - Method in class javax.swing.JViewport  
Returns the JViewports one child or null.  
[getView\(int\)](#) - Method in class javax.swing.text.View  
Gets the nth child view.  
[getView\(int\)](#) - Method in class javax.swing.text.CompositeView  
Gets the n-th view in this container.  
[getView\(int\)](#) - Method in class javax.swing.text.AsyncBoxView  
Gets the nth child view.  
[getViewAtPoint\(int, int, Rectangle\)](#) - Method in class javax.swing.text.CompositeView  
Fetches the child view at the given point.  
[getViewAtPoint\(int, int, Rectangle\)](#) - Method in class javax.swing.text.BoxView  
Fetches the child view at the given point.  
[getViewAtPosition\(int, Rectangle\)](#) - Method in class javax.swing.text.CompositeView  
Fetches the child view that represents the given position in the model.  
[getViewAtPosition\(int, Rectangle\)](#) - Method in class javax.swing.text.TableView  
Fetches the child view that represents the given position in the model.  
[getViewAtPosition\(int, Rectangle\)](#) - Method in class javax.swing.text.TableView.TableRow  
Fetches the child view that represents the given position in the model.  
[getViewAttributes\(View\)](#) - Method in class javax.swing.text.html.StyleSheet  
Fetches a set of attributes to use in the view for displaying.  
[getViewCount\(\)](#) - Method in class javax.swing.text.View  
Returns the number of views in this view.  
[getViewCount\(\)](#) - Method in class javax.swing.text.CompositeView  
Returns the number of child views of this view.  
[getViewCount\(\)](#) - Method in class javax.swing.text.AsyncBoxView  
Returns the number of views in this view.  
[getViewFactory\(\)](#) - Method in class javax.swing.text.View  
Fetches the ViewFactory implementation that is feeding the view hierarchy.  
[getViewFactory\(\)](#) - Method in class javax.swing.text.EditorKit  
Fetches a factory that is suitable for producing views of any models that are produced by this

kit.

getViewFactory() - Method in class javax.swing.text.DefaultEditorKit  
Fetches a factory that is suitable for producing views of any models that are produced by this kit.

getViewFactory() - Method in class javax.swing.text.StyledEditorKit  
Fetches a factory that is suitable for producing views of any models that are produced by this kit.

getViewFactory() - Method in class javax.swing.text.html.HTMLEditorKit  
Fetch a factory that is suitable for producing views of any models that are produced by this kit.

getViewIndex(int, Position.Bias) - Method in class javax.swing.text.View  
Returns the child view index representing the given position in the model.

getViewIndex(int, Position.Bias) - Method in class javax.swing.text.CompositeView  
Returns the child view index representing the given position in the model.

getViewIndex(int, Position.Bias) - Method in class javax.swing.text.AsyncBoxView  
Returns the child view index representing the given position in the model.

getViewIndexAtPoint(float, float, Shape) - Method in class javax.swing.text.AsyncBoxView.ChildLocator  
Fetches the child view index at the given point.

getViewIndexAtPosition(int) - Method in class javax.swing.text.CompositeView  
Fetches the child view index representing the given position in the model.

getViewIndexAtPosition(int) - Method in class javax.swing.text.FlowView  
Fetches the child view index representing the given position in the model.

getViewIndexAtPosition(int) - Method in class javax.swing.text.ZoneView  
Fetches the child view index representing the given position in the model.

getViewIndexAtPosition(int, Position.Bias) - Method in class javax.swing.text.AsyncBoxView  
Fetches the child view index representing the given position in the model.

getViewIndexAtVisualOffset(float) - Method in class javax.swing.text.AsyncBoxView.ChildLocator  
Locate the view responsible for an offset into the box along the major axis.

getViewport() - Method in class javax.swing.ScrollPaneLayout  
Returns the JViewport object that displays the scrollable contents.

getViewport() - Method in class javax.swing.JScrollPane  
Returns the current JViewport.

getViewportBorder() - Method in class javax.swing.JScrollPane  
Returns the Border object that surrounds the viewport.

getViewportBorderBounds() - Method in class javax.swing.JScrollPane  
Returns the bounds of the viewport's border.

getViewportBorderBounds(JScrollPane) - Method in class javax.swing.ScrollPaneLayout  
Deprecated. As of JDK version Swing1.1 replaced by JScrollPane.getViewportBorderBounds().

getViewportSize() - Method in class java.awt.ScrollPane  
Returns the current size of the scroll pane's view port.

getViewPosition() - Method in class javax.swing.JViewport  
Returns the view coordinates that appear in the upper left hand corner of the viewport, or 0,0 if there's no view.

getViewRect() - Method in class javax.swing.JViewport  
Returns a rectangle whose origin is getViewPosition and size is getExtentSize.

getViewSize() - Method in class javax.swing.JViewport  
If the view's size hasn't been explicitly set, return the preferred size, otherwise return the view's current size.

getVisible() - Method in class java.awt.Scrollbar  
Deprecated. As of JDK version 1.1, replaced by getVisibleAmount().

getVisibleAdvance() - Method in class java.awt.font.TextLayout  
Returns the advance of this TextLayout, minus trailing whitespace.

getVisibleAmount() - Method in class java.awt.Scrollbar  
Gets the visible amount of this scroll bar.

getVisibleAmount() - Method in interface java.awt.Adjustable  
Gets the length of the proportional indicator.

[getVisibleAmount\(\)](#) - Method in class javax.swing.JScrollBar  
    Returns the scrollbar's extent, aka its "visibleAmount".

[getVisibleChildCount\(TreePath\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns the number of visible children for row.

[getVisibleChildCount\(TreePath\)](#) - Method in class javax.swing.tree.VariableHeightLayoutCache  
    Returns the number of visible children for row.

[getVisibleChildCount\(TreePath\)](#) - Method in class javax.swing.tree.FixedHeightLayoutCache  
    Returns the number of visible children for row.

[getVisibleComponent\(\)](#) - Method in class javax.swing.plaf.basic.BasicTabbedPaneUI

[getVisibleEditorRect\(\)](#) - Method in class javax.swing.plaf.basic.BasicTextUI  
    Gets the allocation to give the root View.

[getVisibleIndex\(\)](#) - Method in class java.awt.List  
    Gets the index of the item that was last made visible by the method makeVisible.

[getVisiblePathsFrom\(TreePath\)](#) - Method in class javax.swing.tree.AbstractLayoutCache  
    Returns an Enumerator that increments over the visible paths starting at the passed in location.

[getVisiblePathsFrom\(TreePath\)](#) - Method in class javax.swing.tree.VariableHeightLayoutCache  
    Returns an Enumerator that increments over the visible paths starting at the passed in location.

[getVisiblePathsFrom\(TreePath\)](#) - Method in class javax.swing.tree.FixedHeightLayoutCache  
    Returns an Enumerator that increments over the visible paths starting at the passed in location.

[getVisiblePosition\(\)](#) - Method in class java.awt.event.InputMethodEvent  
    Gets the position that's most important to be visible.

[getVisibleRect\(\)](#) - Method in class javax.swing.JComponent  
    Returns the Component's "visible rectangle" - the intersection of this component's visible rectangle:

[getVisibleRowCount\(\)](#) - Method in class javax.swing.JList  
    Returns the preferred number of visible rows.

[getVisibleRowCount\(\)](#) - Method in class javax.swing.JTree  
    Returns the number of rows that are displayed in the display area.

[getVisualBounds\(\)](#) - Method in class java.awt.font.GlyphVector  
    Returns the visual bounds of this GlyphVector. The visual bounds is the tightest rectangle enclosing all non-background pixels in the rendered representation of this GlyphVector.

[getVisualHighlightShape\(TextHitInfo, TextHitInfo\)](#) - Method in class java.awt.font.TextLayout  
    Returns a Shape enclosing the visual selection in the specified range, extended to the bounds.

[getVisualHighlightShape\(TextHitInfo, TextHitInfo, Rectangle2D\)](#) - Method in class java.awt.font.TextLayout  
    Returns a path enclosing the visual selection in the specified range, extended to bounds.

[getVisualOtherHit\(TextHitInfo\)](#) - Method in class java.awt.font.TextLayout  
    Returns the hit on the opposite side of the specified hit's caret.

[getVMID\(\)](#) - Method in class java.rmi.dgc.Lease  
    Returns the client VMID associated with the lease.

[getVoiceStatus\(\)](#) - Method in interface javax.sound.midi.Synthesizer  
    Obtains the current status of the voices produced by this synthesizer.

[getVScrollbarWidth\(\)](#) - Method in class java.awt.ScrollPane  
    Returns the width that would be occupied by a vertical scrollbar, which is independent of whether it is currently displayed by the scroll pane or not.

[getWantsInput\(\)](#) - Method in class javax.swing.JOptionPanel  
    Returns true if a parentComponent will be provided for the user to input.

[getWarnings\(\)](#) - Method in interface java.sql.Statement  
    Retrieves the first warning reported by calls on this Statement object.

[getWarnings\(\)](#) - Method in interface java.sql.Connection  
    Returns the first warning reported by calls on this Connection.

[getWarnings\(\)](#) - Method in interface java.sql.ResultSet  
    Returns the first warning reported by calls on this ResultSet object.

[getWarningString\(\)](#) - Method in class `java.awt.Window`  
    Gets the warning string that is displayed with this window.

[getWarningString\(\)](#) - Method in class `javax.swing.JInternalFrame`  
    Gets the warning string that is displayed with this window.

[getWeekdays\(\)](#) - Method in class `java.text.DateFormatSymbols`  
    Gets weekday strings.

[getWestPane\(\)](#) - Method in class `javax.swing.plaf.basic.BasicInternalFrameUI`

[getWhen\(\)](#) - Method in class `java.awt.event.InputEvent`  
    Returns the timestamp of when this event occurred.

[getWhite\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`

[getWhite\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

[getWidth\(\)](#) - Method in class `java.awt.Component`  
    Return the current width of this component.

[getWidth\(\)](#) - Method in class `java.awt.Dimension`  
    Returns the width of this dimension in double precision.

[getWidth\(\)](#) - Method in class `java.awt.Rectangle`  
    Returns the width of the bounding Rectangle in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.Dimension2D`  
    Returns the width of this Dimension in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.RectangularShape`  
    Returns the width of the framing rectangle in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.RoundRectangle2D.Float`  
    Returns the width of this RoundRectangle2D in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.RoundRectangle2D.Double`  
    Returns the width of this RoundRectangle2D in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.Rectangle2D.Float`  
    Returns the width of this Rectangle2D in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.Rectangle2D.Double`  
    Returns the width of this Rectangle2D in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.Arc2D.Float`  
    Returns the width of the ellipse of which this arc is a partial section

[getWidth\(\)](#) - Method in class `java.awt.geom.Arc2D.Double`  
    Returns the width of the ellipse of which this arc is a partial section

[getWidth\(\)](#) - Method in class `java.awt.geom.Ellipse2D.Float`  
    Returns the overall width of this Ellipse2D in double precision.

[getWidth\(\)](#) - Method in class `java.awt.geom.Ellipse2D.Double`  
    Returns the overall width of this Ellipse2D in double precision.

[getWidth\(\)](#) - Method in class `java.awt.image.SampleModel`  
    Returns the width in pixels.

[getWidth\(\)](#) - Method in class `java.awt.image.Kernel`  
    Returns the width of this Kernel.

[getWidth\(\)](#) - Method in class `java.awt.image.PixelGrabber`  
    Get the width of the pixel buffer (after adjusting for image width).

[getWidth\(\)](#) - Method in interface `java.awt.image.RenderedImage`  
    Returns the width of the RenderedImage.

[getWidth\(\)](#) - Method in class `java.awt.image BufferedImage`  
    Returns the width of the BufferedImage.

[getWidth\(\)](#) - Method in class `java.awt.image.Raster`  
    Returns the width in pixels of the Raster.

[getWidth\(\)](#) - Method in class `java.awt.image.renderable.RenderableImageOp`  
    Gets the width in user coordinate space.

[getWidth\(\)](#) - Method in interface `java.awt.image.renderable.RenderableImage`  
    Gets the width in user coordinate space.

[getWidth\(\)](#) - Method in class `java.awt.print.Paper`

Returns the width of the page in 1/72nds of an inch.  
[getWidth\(\)](#) - Method in class `java.awt.print.PageFormat`  
    Returns the width, in 1/72nds of an inch, of the page.  
[getWidth\(\)](#) - Method in class `javax.swing.JComponent`  
    Returns the current width of this component.  
[getWidth\(\)](#) - Method in class `javax.swing.table.TableColumn`  
    Returns the width of the TableColumn.  
[getWidth\(\)](#) - Method in class `javax.swing.text.BoxView`  
    The current width of the box.  
[getWidth\(ImageObserver\)](#) - Method in class `java.awt.Image`  
    Determines the width of the image.  
[getWidth\(ImageObserver\)](#) - Method in class `java.awt.image.BufferedImage`  
    Returns the actual width of the image.  
[getWidthOfHighValueLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
[getWidthOfLowValueLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
[getWidthOfWidestLabel\(\)](#) - Method in class `javax.swing.plaf.basic.BasicSliderUI`  
[getWidths\(\)](#) - Method in class `java.awt.FontMetrics`  
    Gets the advance widths of the first 256 characters in the Font.  
[getWindingRule\(\)](#) - Method in interface `java.awt.geom.PathIterator`  
    Returns the winding rule for determining the interior of the path.  
[getWindingRule\(\)](#) - Method in class `java.awt.geom.GeneralPath`  
    Returns the fill style winding rule.  
[getWindingRule\(\)](#) - Method in class `java.awt.geom.FlatteningPathIterator`  
    Returns the winding rule for determining the interior of the path.  
[getWindow\(\)](#) - Method in class `java.awt.event.WindowEvent`  
    Returns the originator of the event.  
[getWindowAncestor\(Component\)](#) - Static method in class `javax.swing.SwingUtilities`  
[getWindowBackground\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
[getWindowBackground\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`  
[getWindowTitleBackground\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
[getWindowTitleBackground\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`  
[getWindowTitleFont\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
[getWindowTitleFont\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`  
[getWindowTitleFont\(\)](#) - Method in class `javax.swing.plaf.metal.DefaultMetalTheme`  
[getWindowTitleForeground\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
[getWindowTitleForeground\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`  
[getWindowTitleInactiveBackground\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
[getWindowTitleInactiveBackground\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`  
[getWindowTitleInactiveForeground\(\)](#) - Static method in class `javax.swing.plaf.metal.MetalLookAndFeel`  
[getWindowTitleInactiveForeground\(\)](#) - Method in class `javax.swing.plaf.metal.MetalTheme`

getWordEnd(JTextComponent, int) - Static method in class javax.swing.text.Utilities  
Determines the end of a word for the given location.

getWordInstance() - Static method in class java.text.BreakIterator  
Create BreakIterator for word-breaks using default locale.

getWordInstance(Locale) - Static method in class java.text.BreakIterator  
Create BreakIterator for word-breaks using specified locale.

getWordStart(JTextComponent, int) - Static method in class javax.swing.text.Utilities  
Determines the start of a word for the given model location.

getWrapStyleWord() - Method in class javax.swing.JTextArea  
Get the style of wrapping used if the text area is wrapping lines.

getWritableParent() - Method in class java.awt.image.WritableRaster  
Returns the parent WritableRaster (if any) of this WritableRaster, or else null.

getWritableTile(int, int) - Method in class java.awt.image.BufferedImage  
Checks out a tile for writing.

getWritableTile(int, int) - Method in interface java.awt.image.WritableRenderedImage  
Checks out a tile for writing.

getWritableTileIndices() - Method in class java.awt.image.BufferedImage  
Returns an array of Point objects indicating which tiles are checked out for writing.

getWritableTileIndices() - Method in interface java.awt.image.WritableRenderedImage  
Returns an array of Point objects indicating which tiles are checked out for writing.

getWriteMethod() - Method in class java.beans.PropertyDescriptor  
Gets the method that should be used to write the property value.

getWriter() - Method in class javax.swing.text.AbstractWriter  
Returns the Writer that is used to output the content.

getX() - Method in class java.awt.Component  
Return the current x coordinate of the components origin.

getX() - Method in class java.awt.Point  
Returns the X coordinate of the point in double precision.

getX() - Method in class java.awt.Rectangle  
Returns the X coordinate of the bounding Rectangle in double precision.

getX() - Method in class java.awt.event.MouseEvent  
Returns the horizontal x position of the event relative to the source component.

getX() - Method in class java.awt.geom.Point2D  
Returns the X coordinate of this Point2D in double precision.

getX() - Method in class java.awt.geom.RectangularShape  
Returns the X coordinate of the upper left corner of the framing rectangle in double precision.

getX() - Method in class java.awt.geom.RoundRectangle2D.Float  
Returns the X coordinate of this RoundRectangle2D in double precision.

getX() - Method in class java.awt.geom.RoundRectangle2D.Double  
Returns the X coordinate of this RoundRectangle2D in double precision.

getX() - Method in class java.awt.geom.Rectangle2D.Float  
Returns the X coordinate of this Rectangle2D in double precision.

getX() - Method in class java.awt.geom.Rectangle2D.Double  
Returns the X coordinate of this Rectangle2D in double precision.

getX() - Method in class java.awt.geom.Point2D.Float  
Returns the X coordinate of this Point2D in double precision.

getX() - Method in class java.awt.geom.Point2D.Double  
Returns the X coordinate of this Point2D in double precision.

getX() - Method in class java.awt.geom.Arc2D.Float  
Returns the x coordinate of the upper left corner of the arc.

getX() - Method in class java.awt.geom.Arc2D.Double  
Returns the x coordinate of the upper left corner of the arc.

getX() - Method in class java.awt.geom.Ellipse2D.Float  
Returns the X coordinate of the upper left corner of this Ellipse2D in double precision.

getX() - Method in class java.awt.geom.Ellipse2D.Double  
Returns the X coordinate of the upper left corner of this Ellipse2D in double precision.

getX() - Method in interface java.security.interfaces.DSAPrivateKey  
    Returns the value of the private key, x.

getX() - Method in class java.security.spec.DSAPrivateKeySpec  
    Returns the private key x.

getX() - Method in class javax.swing.JComponent  
    Returns the current x coordinate of the component's origin.

getX1() - Method in class java.awt.geom.Line2D  
    Returns the X coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.Line2D.Float  
    Returns the X coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.Line2D.Double  
    Returns the X coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.QuadCurve2D  
    Returns the x coordinate of the start point in double in precision.

getX1() - Method in class java.awt.geom.QuadCurve2D.Float  
    Returns the x coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.QuadCurve2D.Double  
    Returns the x coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.CubicCurve2D  
    Returns the X coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.CubicCurve2D.Float  
    Returns the X coordinate of the start point in double precision.

getX1() - Method in class java.awt.geom.CubicCurve2D.Double  
    Returns the X coordinate of the start point in double precision.

getX2() - Method in class java.awt.geom.Line2D  
    Returns the X coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.Line2D.Float  
    Returns the X coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.Line2D.Double  
    Returns the X coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.QuadCurve2D  
    Returns the x coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.QuadCurve2D.Float  
    Returns the x coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.QuadCurve2D.Double  
    Returns the x coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.CubicCurve2D  
    Returns the X coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.CubicCurve2D.Float  
    Returns the X coordinate of the end point in double precision.

getX2() - Method in class java.awt.geom.CubicCurve2D.Double  
    Returns the X coordinate of the end point in double precision.

getXOrigin() - Method in class java.awt.image.Kernel  
    Returns the X origin of this Kernel.

getY() - Method in class java.awt.Component  
    Return the current y coordinate of the components origin.

getY() - Method in class java.awt.Point  
    Returns the Y coordinate of the point in double precision.

getY() - Method in class java.awt.Rectangle  
    Returns the Y coordinate of the bounding Rectangle in double precision.

getY() - Method in class java.awt.event.MouseEvent  
    Returns the vertical y position of the event relative to the source component.

getY() - Method in class java.awt.geom.Point2D  
    Returns the Y coordinate of this Point2D in double precision.

getY() - Method in class java.awt.geom.RectangularShape  
    Returns the Y coordinate of the upper left corner of the framing rectangle in double precision.

getY() - Method in class java.awt.geom.RoundRectangle2D.Float  
    Returns the Y coordinate of this RoundRectangle2D in double precision.

getY() - Method in class java.awt.geom.RoundRectangle2D.Double  
    Returns the Y coordinate of this RoundRectangle2D in double precision.

getY() - Method in class java.awt.geom.Rectangle2D.Float  
    Returns the Y coordinate of this Rectangle2D in double precision.

getY() - Method in class java.awt.geom.Rectangle2D.Double  
    Returns the Y coordinate of this Rectangle2D in double precision.

getY() - Method in class java.awt.geom.Point2D.Float  
    Returns the Y coordinate of this Point2D in double precision.

getY() - Method in class java.awt.geom.Point2D.Double  
    Returns the Y coordinate of this Point2D in double precision.

getY() - Method in class java.awt.geom.Arc2D.Float  
    Returns the y coordinate of the upper left corner of the arc.

getY() - Method in class java.awt.geom.Arc2D.Double  
    Returns the y coordinate of the upper left corner of the arc.

getY() - Method in class java.awt.geom.Ellipse2D.Float  
    Returns the Y coordinate of the upper left corner of this Ellipse2D in double precision.

getY() - Method in class java.awt.geom.Ellipse2D.Double  
    Returns the Y coordinate of the upper left corner of this Ellipse2D in double precision.

getY() - Method in interface java.security.interfaces.DSAPublicKey  
    Returns the value of the public key, y.

getY() - Method in class java.security.spec.DSAPublicKeySpec  
    Returns the public key y.

getY() - Method in class javax.swing.JComponent  
    Returns the current y coordinate of the component's origin.

getY1() - Method in class java.awt.geom.Line2D  
    Returns the Y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.Line2D.Float  
    Returns the Y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.Line2D.Double  
    Returns the Y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.QuadCurve2D  
    Returns the y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.QuadCurve2D.Float  
    Returns the y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.QuadCurve2D.Double  
    Returns the y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.CubicCurve2D  
    Returns the Y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.CubicCurve2D.Float  
    Returns the Y coordinate of the start point in double precision.

getY1() - Method in class java.awt.geom.CubicCurve2D.Double  
    Returns the y coordinate of the start point in double precision.

getY2() - Method in class java.awt.geom.Line2D  
    Returns the Y coordinate of the end point in double precision.

getY2() - Method in class java.awt.geom.Line2D.Float  
    Returns the Y coordinate of the end point in double precision.

getY2() - Method in class java.awt.geom.Line2D.Double  
    Returns the Y coordinate of the end point in double precision.

getY2() - Method in class java.awt.geom.QuadCurve2D  
    Returns the y coordinate of the end point in double precision.

getY2() - Method in class java.awt.geom.QuadCurve2D.Float  
    Returns the y coordinate of the end point in double precision.

getY2() - Method in class java.awt.geom.QuadCurve2D.Double  
    Returns the y coordinate of the end point in double precision.

getY2() - Method in class java.awt.geom.CubicCurve2D  
    Returns the y coordinate of the end point in double precision.

Returns the Y coordinate of the end point in double precision.  
[getY2\(\)](#) - Method in class `java.awt.geom.CubicCurve2D.Float`  
Returns the Y coordinate of the end point in double precision.  
[getY2\(\)](#) - Method in class `java.awt.geom.CubicCurve2D.Double`  
Returns the Y coordinate of the end point in double precision.  
[getYear\(\)](#) - Method in class `java.sql.Time`  
    Deprecated.  
[getYear\(\)](#) - Method in class `java.util.Date`  
    Deprecated. As of JDK version 1.1, replaced by `Calendar.get(Calendar.YEAR)` - 1900.  
[getYOrigin\(\)](#) - Method in class `java.awt.image.Kernel`  
    Returns the Y origin of this Kernel.  
[getZeroDigit\(\)](#) - Method in class `java.text.DecimalFormatSymbols`  
    Gets the character used for zero.  
[getZoneStrings\(\)](#) - Method in class `java.text.DateFormatSymbols`  
    Gets timezone strings.  
[GLASS\\_PANE](#) - Static variable in class `javax.accessibility.AccessibleRole`  
    A pane that is guaranteed to be painted on top of all panes beneath it.  
[GLASS\\_PANE\\_PROPERTY](#) - Static variable in class `javax.swing.JInternalFrame`  
    Bound property name.  
[glassPane](#) - Variable in class `javax.swing.JRootPane`  
    The glass pane that overlays the menu bar and content pane, so it can intercept mouse movements and such.  
[glassPaneDispatcher](#) - Variable in class `javax.swing.plaf.basic.BasicInternalFrameUI`  
  
[globalHierarchyLock](#) - Static variable in interface `java.beans.beancontext.BeanContext`  
    This global lock is used by both BeanContext and BeanContextServices implementors to serialize changes in a BeanContext hierarchy and any service requests etc.  
[GlyphJustificationInfo](#) - class `java.awt.font.GlyphJustificationInfo`.  
    The GlyphJustificationInfo class represents information about the justification properties of a glyph.  
[GlyphJustificationInfo\(float, boolean, int, float, float, boolean, int, float, float\)](#) - Constructor for class `java.awt.font.GlyphJustificationInfo`  
    Constructs information about the justification properties of a glyph.  
[GlyphMetrics](#) - class `java.awt.font.GlyphMetrics`.  
    The GlyphMetrics class represents infomation for a single glyph.  
[GlyphMetrics\(float, Rectangle2D, byte\)](#) - Constructor for class `java.awt.font.GlyphMetrics`  
    Constructs a GlyphMetrics object.  
[GlyphVector](#) - class `java.awt.font.GlyphVector`.  
    A GlyphVector object is a collection of glyphs containing geometric information for the placement of each glyph in a transformed coordinate space which corresponds to the device on which the GlyphVector is ultimately displayed.  
[GlyphVector\(\)](#) - Constructor for class `java.awt.font.GlyphVector`  
  
[GlyphView](#) - class `javax.swing.text.GlyphView`.  
    A GlyphView is a styled chunk of text that represents a view mapped over an element in the text model.  
[GlyphView.GlyphPainter](#) - class `javax.swing.text.GlyphView.GlyphPainter`.  
    A class to perform rendering of the glyphs.  
[GlyphView.GlyphPainter\(\)](#) - Constructor for class `javax.swing.text.GlyphView.GlyphPainter`  
  
[GlyphView\(Element\)](#) - Constructor for class `javax.swing.text.GlyphView`  
    Constructs a new view wrapped on an element.  
[GoodBreakWeight](#) - Static variable in class `javax.swing.text.View`  
    The weight to indicate a view supports breaking, but better opportunities probably exist.  
[GOT\\_FOCUS](#) - Static variable in class `java.awt.Event`  
    A component gained the focus.  
[gotDefault](#) - Variable in class `javax.naming.InitialContext`

Field indicating whether the initial context has been obtained by calling `NamingManager.getInitialContext()`.

`gotFocus(Event, Object)` - Method in class `java.awt.Component`  
Deprecated. As of JDK version 1.1, replaced by `processFocusEvent(FocusEvent)`.

`grabFocus()` - Method in class `javax.swing.JComponent`  
Sets the focus on the receiving component if it doesn't already have it.

`grabPixels()` - Method in class `java.awt.image.PixelGrabber`  
Request the Image or ImageProducer to start delivering pixels and wait for all of the pixels in the rectangle of interest to be delivered.

`grabPixels(long)` - Method in class `java.awt.image.PixelGrabber`  
Request the Image or ImageProducer to start delivering pixels and wait for all of the pixels in the rectangle of interest to be delivered or until the specified timeout has elapsed.

`GradientPaint` - class `java.awt.GradientPaint`.  
The GradientPaint class provides a way to fill a `Shape` with a linear color gradient pattern.

`GradientPaint(float, float, Color, float, float, Color)` - Constructor for class `java.awt.GradientPaint`  
Constructs a simple acyclic GradientPaint object.

`GradientPaint(float, float, Color, float, float, Color, boolean)` - Constructor for class `java.awt.GradientPaint`  
Constructs either a cyclic or acyclic GradientPaint object depending on the boolean parameter.

`GradientPaint(Point2D, Color, Point2D, Color)` - Constructor for class `java.awt.GradientPaint`  
Constructs a simple acyclic GradientPaint object.

`GradientPaint(Point2D, Color, Point2D, Color, boolean)` - Constructor for class `java.awt.GradientPaint`  
Constructs either a cyclic or acyclic GradientPaint object depending on the boolean parameter.

`GraphicAttribute` - class `java.awt.font.GraphicAttribute`.  
This class is used with the `CHAR_REPLACEMENT` attribute.

`GraphicAttribute(int)` - Constructor for class `java.awt.font.GraphicAttribute`  
Constructs a GraphicAttribute.

`Graphics` - class `java.awt.Graphics`.  
The Graphics class is the abstract base class for all graphics contexts that allow an application to draw onto components that are realized on various devices, as well as onto off-screen images.

`Graphics()` - Constructor for class `java.awt.Graphics`  
Constructs a new Graphics object.

`Graphics2D` - class `java.awt.Graphics2D`.  
This Graphics2D class extends the `Graphics` class to provide more sophisticated control over geometry, coordinate transformations, color management, and text layout.

`Graphics2D()` - Constructor for class `java.awt.Graphics2D`  
Constructs a new Graphics2D object.

`GraphicsConfigTemplate` - class `java.awt.GraphicsConfigTemplate`.  
The GraphicsConfigTemplate class is used to obtain a valid `GraphicsConfiguration`.

`GraphicsConfigTemplate()` - Constructor for class `java.awt.GraphicsConfigTemplate`  
This class is an abstract class so only subclasses can be instantiated.

`GraphicsConfiguration` - class `java.awt.GraphicsConfiguration`.  
The GraphicsConfiguration class describes the characteristics of a graphics destination such as a printer or monitor.

`GraphicsConfiguration()` - Constructor for class `java.awt.GraphicsConfiguration`  
This is an abstract class that cannot be instantiated directly.

`GraphicsDevice` - class `java.awt.GraphicsDevice`.  
The GraphicsDevice class describes the graphics devices that might be available in a particular graphics environment.

`GraphicsDevice()` - Constructor for class `java.awt.GraphicsDevice`  
This is an abstract class that cannot be instantiated directly.

`GraphicsEnvironment` - class `java.awt.GraphicsEnvironment`.  
The GraphicsEnvironment class describes the collection of `GraphicsDevice` objects and `Font` objects available to a Java(tm) application on a particular platform.

GraphicsEnvironment() - Constructor for class java.awt.GraphicsEnvironment

This is an abstract class and cannot be instantiated directly.

gray - Static variable in class java.awt.Color

The color gray.

GrayFilter - class javax.swing.GrayFilter.

An image filter that "disables" an image by turning it into a grayscale image, and brightening the pixels in the image.

GrayFilter(boolean, int) - Constructor for class javax.swing.GrayFilter

Constructs a GrayFilter object that filters a color image to a grayscale image.

GREEK - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

GREEK\_EXTENDED - Static variable in class java.lang.Character.UnicodeBlock

Constant for the Unicode character block of the same name.

green - Static variable in class java.awt.Color

The color green.

GREENCOMPONENT - Static variable in class java.awt.color.ICC\_ProfileRGB

To request a gamma value or TRC for the green component.

GregorianCalendar - class java.util.GregorianCalendar.

GregorianCalendar is a concrete subclass of Calendar and provides the standard calendar used by most of the world.

GregorianCalendar() - Constructor for class java.util.GregorianCalendar

Constructs a default GregorianCalendar using the current time in the default time zone with the default locale.

GregorianCalendar(int, int, int) - Constructor for class java.util.GregorianCalendar

Constructs a GregorianCalendar with the given date set in the default time zone with the default locale.

GregorianCalendar(int, int, int, int, int) - Constructor for class java.util.GregorianCalendar

Constructs a GregorianCalendar with the given date and time set for the default time zone with the default locale.

GregorianCalendar(int, int, int, int, int, int, int) - Constructor for class java.util.GregorianCalendar

Constructs a GregorianCalendar with the given date and time set for the default time zone with the default locale.

GregorianCalendar(Locale) - Constructor for class java.util.GregorianCalendar

Constructs a GregorianCalendar based on the current time in the default time zone with the given locale.

GregorianCalendar(TimeZone) - Constructor for class java.util.GregorianCalendar

Constructs a GregorianCalendar based on the current time in the given time zone with the default locale.

GregorianCalendar(TimeZone, Locale) - Constructor for class java.util.GregorianCalendar

Constructs a GregorianCalendar based on the current time in the given time zone with the given locale.

GridBagConstraints - class java.awt.GridBagConstraints.

The GridBagConstraints class specifies constraints for components that are laid out using the GridBagLayout class.

GridBagConstraints() - Constructor for class java.awt.GridBagConstraints

Creates a GridBagConstraints object with all of its fields set to their default value.

GridBagConstraints(int, int, int, int, double, double, int, int, Insets, int, int) - Constructor for class java.awt.GridBagConstraints

Creates a GridBagConstraints object with all of its fields set to the passed-in arguments.

GridBagLayout - class java.awt.GridBagLayout.

The GridBagLayout class is a flexible layout manager that aligns components vertically and horizontally, without requiring that the components be of the same size.

GridBagLayout() - Constructor for class java.awt.GridBagLayout

Creates a grid bag layout manager.

gridColor - Variable in class javax.swing.JTable

The color of the grid.

gridheight - Variable in class java.awt.GridBagConstraints